

Water & Sewer 5-YEAR PLAN

FY 2015 FY 2016 FY 2017 FY 2018 FY 2019

Total
'15-'19

'15-'19
Rate
Impact

FY2015-FY2019 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)

CAPITAL COSTS

Water	\$6,653	\$9,878	\$10,954	\$12,568	\$16,212	\$56,264
Sewer	22,410	34,877	28,862	27,150	21,043	134,341
Total	\$29,063	\$44,755	\$39,815	\$39,717	\$37,255	\$190,605

FINANCE SOURCES

User Fee Bonds	\$16,070	\$26,182	\$23,606	\$24,059	\$22,558	\$112,475
Connection Fee Bonds	9,636	14,406	12,959	12,378	11,252	60,631
Fund Balance Appropriation	0	0	0	0	0	-
Operating Transfer	506	353	177	186	195	1,417
Total County Funding	\$26,212	\$40,942	\$36,742	\$36,622	\$34,005	\$174,523
State	271	196	0	0	0	467
Other: WSSC	2,579	3,617	3,073	3,095	3,250	15,614
Total	\$29,063	\$44,755	\$39,815	\$39,717	\$37,255	\$190,605

OPERATING IMPACT

User Fee Debt Service (New Bonds- lag one year)	\$2,515	\$3,710	\$5,795	\$7,803	\$9,945	
Operating Impact of Requested CIP	300	182	97	102	107	
Total Impact of Requested CIP	\$2,815	\$3,892	\$5,892	\$7,905	\$10,052	

Rate Impact of Requested CIP

9.7¢ 47.8¢ 89.6¢ 86.7¢ 89.4¢

\$3.23

CIP Impact on Quarterly Bill

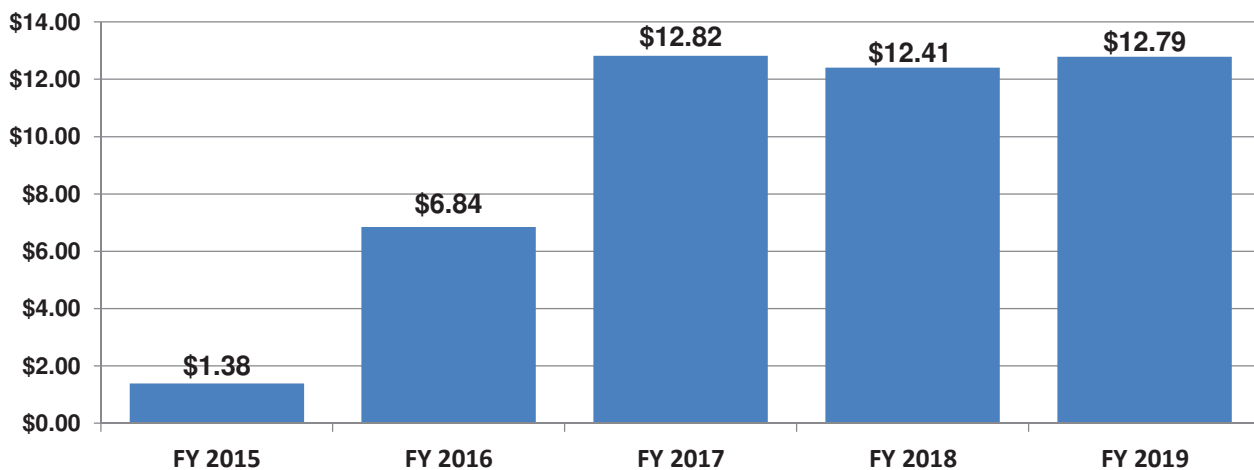
\$1.38 \$6.84 \$12.82 \$12.41 \$12.79

Cumulative CIP Impact on Quarterly Bill

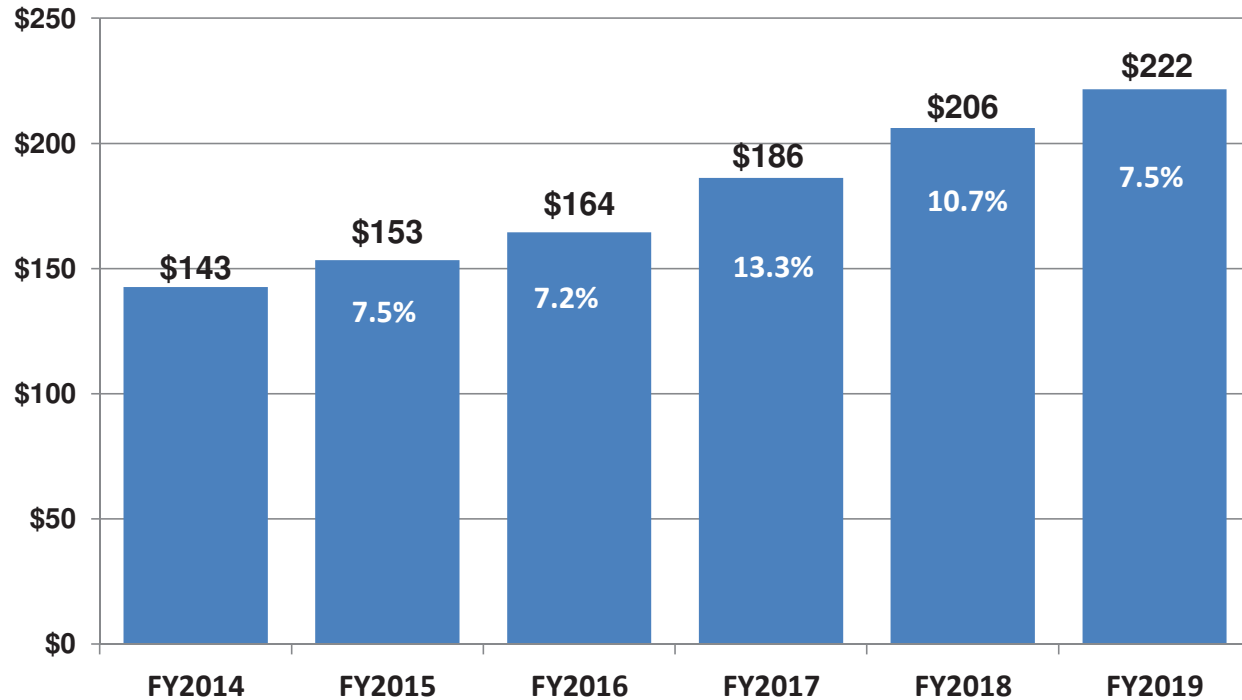
\$1.38 \$8.23 \$21.05 \$33.46 \$46.25

(based on 14,310 gallons)

Estimated CIP Quarterly Impact



Estimated Quarterly Water & Sewer Bill



NOTE: % change reflected in graph above represents % increase in the estimated quarterly bill in comparison to the prior year.

	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	5 Year Impact
IMPACT ON QUARTERLY BILL							
Estimated Water & Sewer Bill (based on 14,310 gallons)	\$142.65	\$153.40	\$164.43	\$186.25	\$206.10	\$221.60	
Increase in the estimated quarterly bill:							
Existing Operations		\$9.37	\$4.03	\$9.00	\$7.62	\$2.71	\$32.73
Requested FY15-FY19 CIP		\$1.38	\$7.00	\$12.82	\$12.23	\$12.79	\$46.23
Additional amount per quarter		\$10.75	\$11.03	\$21.82	\$19.85	\$15.50	\$78.96
ESTIMATED ANNUAL BILLS:	\$570.58	\$613.60	\$657.72	\$745.01	\$824.40	\$886.41	
Estimated additional annual cost		\$43.01	\$44.12	\$87.29	\$79.39	\$62.01	\$315.82

CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD
FISCAL YEAR 2015 REQUESTED CAPITAL PROJECT BUDGET
FY2015-FY2019 CAPITAL IMPROVEMENT PROGRAM

Department	Page Ref. #		(\$ in thousands)					5-Year	Prior	Beyond	Project	'15-'18
			FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total '15-'19	Approp. thru FY14	FY 2019	Total	% chg.
ENTERPRISE FUND OPERATIONS												
WATER & SEWER												
DPW	13	Automation & Technology Master Plan	55	1,984	2,064	2,339	2,084	8,526	11,186	0	19,712	-22.7%
DPW	14	MWWTP Lab Renovation	0	0	0	0	0	0	80	0	80	-100.0%
DPW	15	Well Site Automation	0	0	0	0	0	0	187	0	187	-100.0%
DPW	16	Underground Infrastructure Repairs	553	553	553	553	553	2,765	0	4,427	7,192	9.9%
DPW	17	Benedict Water System Improvements	860	0	0	0	0	860	550	0	1,410	201.8%
PGM	18	Water Model Update	75	76	76	76	76	379	34	76	489	122.8%
PGM	19	Various County Water Studies	89	89	0	0	0	178	265	0	443	0.0%
PGM	20	Waldorf/Chapel Pt. Water System Interconnection Feasibility Study	83	83	0	0	0	166	57	0	223	0.0%
PGM	21	White Plains South Water Line Improvements	529	371	0	0	0	900	0	0	900	0.0%
DPW	22	South County Water Transmission Main	0	0	565	0	8,240	8,805	210	0	9,015	169.0%
DPW	23	Satellite Water Facility Upgrades	2,188	1,021	701	681	681	5,270	1,047	681	6,998	130.4%
PGM	24	Bensville Water Tower No. 8	535	1,930	1,930	1,930	0	6,325	0	0	6,325	new
PGM	25	Chapel Point Water Tower (Relocated)	91	442	442	0	0	975	0	0	975	new
PGM	26	Pinefield Water Tower Rehabilitation	0	0	90	568	568	1,226	0	0	1,226	new
PGM	27	Gleneagles 2MG Water Tower	713	1,850	1,850	1,849	0	6,262	0	0	6,262	new
PGM	28	Waldorf Fire House Water Tower Replacement	713	1,850	1,850	1,849	0	6,262	0	0	6,262	new
PGM	29	White Plains 2MG Water Tower	0	0	713	1,850	1,850	4,413	0	1,849	6,262	new
PGM	30	Settle Woods Water Tower Rehabilitation	0	0	67	309	309	685	0	0	685	new
PGM	31	Influent/Effluent Pump Station	5,190	5,190	0	0	0	10,380	6,787	0	17,167	678.7%
DPW	32	MWWTP Electrical System Replacement	165	2,145	2,070	0	0	4,380	1,323	0	5,703	15.4%
DPW	33	MWWTP Flow Equalization	711	4,081	5,850	8,600	8,600	27,841	504	0	28,345	348.5%
PGM	34	Mattawoman Infiltration and Inflow	2,417	2,957	2,957	3,275	3,275	14,881	8,403	3,275	26,559	1.8%
DPW	35	Mattawoman WWTP Automation	100	1,130	1,130	0	0	2,360	3,021	0	5,381	22.3%
DPW	36	Pump Station Rehabs and Replacements	2,561	3,310	3,130	1,570	1,570	12,141	632	1,570	14,342	65.1%
DPW	37	Satellite Wastewater Facility Upgrades	338	651	651	651	651	2,940	1,063	651	4,654	14.9%
DPW	38	MWWTP Clarifier and Thickener Repairs	1,071	976	976	976	976	4,973	1,153	976	7,101	227.6%
DPW	39	Cobb Island/Swan Point Interconnection	0	0	0	0	290	290	453	2,465	3,208	-100.0%
DPW	40	MWWTP Utility Water System Evaluation & Improvement	130	641	0	0	0	771	61	0	832	72.4%
PGM	41	Sewer Model Update	80	81	81	81	81	404	39	81	524	107.1%
DPW	42	Cliffont Pump Station #4	241	701	0	0	0	941	91	0	1,032	55.5%
PGM	43	Mattawoman WWTP Berm Relocation	10	330	692	640	0	1,672	589	640	2,901	65.2%
PGM	44	Hughesville Package Treatment Plant	894	0	0	0	0	894	1,589	0	2,483	0.0%
PGM	45	Marshall Hall Road Gravity Sewer	713	822	0	0	0	1,535	125	0	1,660	0.0%
PGM	46	Piney Branch Sewer Replacement (Upper Reaches)	670	479	0	0	0	1,149	141	0	1,290	4.5%
PGM	47	Cobb Island Sewer Capacity & Feasibility Study	164	0	0	0	0	164	0	0	164	0.0%
PGM	48	MD. Route 5 Pump Station Forcemain	600	360	0	0	0	960	83	0	1,043	6.7%
PGM	49	WURC: Zekiah Pump Station Upgrade	0	598	598	598	0	1,794	221	598	2,613	0.0%
PGM	50	WURC: Zekiah Pump Station Forcemain	0	706	598	1,143	0	2,447	232	596	3,275	0.0%
PGM	51	WURC: Zekiah Interceptor Sewer Upgrades	0	799	799	799	799	3,196	417	0	3,613	0.0%
DPW	52	Cliffont WWTP Improvements	0	240	981	2,351	0	3,571	0	0	3,571	106.9%
PGM	53	Bryans Road Interceptor Sewer I&I Rehabilitation	400	1,562	1,560	1,560	0	5,082	0	0	5,082	new
PGM	54	Mt. Carmel Woods/College of Southern Maryland (CSM) Pump Stations & Forcemains	25	1,900	1,900	0	0	3,825	7,341	0	11,166	new
PGM	55	WURC: Old Washington Road Sewer	203	1,033	0	0	0	1,236	0	0	1,236	new
PGM	56	Pump Station 3B	1,800	0	0	0	0	1,800	13,872	0	15,672	new
DPW	57	MWWTP Belt Filter Press Replacement	230	1,011	1,011	0	0	2,251	0	1,011	3,261	new
DPW	58	MWWTP Effluent PS Forcemain Improve	2,040	0	0	0	0	2,041	0	0	2,040	new
DPW	59	Grit System Reconfiguration at MWWTP	965	0	0	0	0	966	0	0	965	new
Total without inflation			\$28,202	\$41,949	\$35,883	\$34,246	\$30,602	\$170,881	\$61,756	\$19,184	\$251,819	121.0%
Contingency-inflation			861	2,806	3,933	5,472	6,654	19,725	0	5,038	24,764	61.8%
Total Water & Sewer			\$29,063	\$44,755	\$39,815	\$39,717	\$37,255	\$190,605	\$61,756	\$24,222	\$276,583	114.3%
Water			6,653	9,878	10,954	12,568	16,212	56,264	7,949	9,025	73,238	247.4%
Sewer			22,410	34,877	28,862	27,150	21,043	134,341	53,807	15,197	203,345	88.7%
Total Water & Sewer			\$29,063	\$44,755	\$39,815	\$39,717	\$37,255	\$190,605	\$61,756	\$24,222	\$276,583	114.3%

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CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD
FISCAL YEAR 2015 REQUESTED CAPITAL PROJECT BUDGET
FY2015-FY2019 CAPITAL IMPROVEMENT PROGRAM

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(\$ in thousands)						5-Year Total '15-'19	Prior Approp. thru FY14	Beyond FY 2019	Project Total	'15-'18 % chg.	
% Allocation											
SEWER- User Fee											
Financing Sources											
Bonds	\$11,320	\$20,507	\$16,734	\$15,428	\$11,453	\$75,441	\$22,169	\$7,629	\$105,240	0.0%	
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	n/a	
Operating Transfer	172	48	50	53	55	379	45	45	469	41.6%	
Total County Funding	\$11,492	\$20,555	\$16,784	\$15,481	\$11,508	\$75,820	\$22,214	\$7,674	\$105,709	79.0%	
Federal	0	0	0	0	0	0	400	0	400	n/a	
State	0	0	0	0	0	0	528	0	528	n/a	
Other: WSSC	1,418	1,989	1,690	1,702	1,788	8,588	2,435	1,077	12,099	74.6%	
Other:	0	0	0	0	0	0	0	0	0	n/a	
Total Funding	\$12,910	\$22,544	\$18,474	\$17,183	\$13,296	\$84,408	\$25,578	\$8,751	\$118,737	78.5%	
Capital Costs											
Automation & Technology Master Plan	50%	\$29	\$992	\$1,032	\$1,170	\$1,042	\$4,263	\$5,627	\$0	\$9,891	-22.7%
MWWTP Lab Renovation	50%	0	0	0	0	0	0	40	0	40	-100.0%
Influent/Effluent Pump Station	55%	2,855	2,855	0	0	0	5,709	3,733	0	9,442	678.6%
MWWTP Electrical System Replacement	55%	91	1,180	1,139	0	0	2,409	728	0	3,137	15.4%
MWWTP Flow Equalization	55%	391	2,244	3,218	4,730	4,730	15,313	277	0	15,590	348.5%
Mattawoman Infiltration and Inflow	55%	1,330	1,626	1,626	1,801	1,801	8,185	4,622	1,801	14,608	1.8%
Mattawoman WWTP Automation	55%	55	622	622	0	0	1,298	1,662	0	2,960	22.3%
Pump Station Rehabs and Replacements		2,561	3,310	3,130	1,570	1,570	12,141	632	1,570	14,342	65.1%
Satellite Wastewater Facility Upgrades		338	651	651	651	651	2,940	1,063	651	4,654	14.9%
MWWTP Clarifier and Thickener Repairs	55%	589	537	537	537	537	2,735	634	537	3,906	227.6%
Cobb Island/Swan Point Interconnection	50%	0	0	0	0	145	145	227	1,233	1,604	-100.0%
MWWTP Utility Water System Eval. & Improv.	55%	72	352	0	0	0	424	34	0	457	72.3%
Sewer Model Update	55%	44	45	45	45	45	222	22	45	288	107.0%
Cliffton Pump Station #4		241	701	0	0	0	941	91	0	1,032	55.5%
Marshall Hall Road Gravity Sewer		713	822	0	0	0	1,535	125	0	1,660	0.0%
Piney Branch Sewer Replacement (Upper Reaches)		670	479	0	0	0	1,149	141	0	1,290	4.5%
Cobb Island Sewer Capacity & Feasibility Study	75%	123	0	0	0	0	123	0	0	123	0.0%
MD. Route 5 Pump Station Forcemain	50%	300	180	0	0	0	480	42	0	522	6.7%
WURC: Zekiah Pump Station Upgrade	23%	0	138	138	138	0	413	51	138	601	0.0%
WURC: Zekiah Pump Station Forcemain	50%	0	353	299	572	0	1,224	116	298	1,638	0.0%
WURC: Zekiah Interceptor Sewer Upgrades	50%	0	400	400	400	400	1,598	209	0	1,807	0.0%
Cliffton WWTP Improvements		0	240	981	2,351	0	3,571	0	0	3,571	106.9%
Bryans Road Interceptor Sewer I&I Rehabilitation	55%	220	859	858	858	0	2,795	0	0	2,795	new
Mt. Carmel Woods/College of Southern Maryland (CSM) Pump Stations & Force mains Phase 3	75%	19	1,425	1,425	0	0	2,869	5,506	0	8,375	new
WURC: Old Washington Road Sewer	55%	112	568	0	0	0	680	0	0	680	new
MWWTP Belt Filter Press Replacement	55%	127	556	556	0	0	1,238	0	556	1,794	new
MWWTP Effluent PS Forcemain Improve	55%	1,122	0	0	0	0	1,122	0	0	1,122	new
Grit System Reconfiguration at MWWTP	55%	531	0	0	0	0	531	0	0	531	new
Total without inflation		\$12,529	\$21,132	\$16,653	\$14,819	\$10,919	\$76,050	\$25,579	\$6,986	\$108,616	84.8%
Contingency-inflation		381	1,412	1,822	2,364	2,376	8,358		1,765	10,122	30.6%
Total User Fee Projects		\$12,911	\$22,544	\$18,475	\$17,184	\$13,296	\$84,408	\$25,579	\$8,751	\$118,737	78.5%

* Represents split between Water & Sewer

CHARLES COUNTY COMMISSIONERS OF CHARLES COUNTY, MD
FISCAL YEAR 2015 REQUESTED CAPITAL PROJECT BUDGET
FY2015-FY2019 CAPITAL IMPROVEMENT PROGRAM

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(\$ in thousands)							5-Year Total '15-'19	Prior Approp. thru FY14	Beyond FY 2019	Project Total	'15-'18 % chg.
SEWER- Connection Fee											
Financing Sources											
Allocation											
Bonds		\$8,259	\$10,666	\$8,963	\$8,530	\$6,240	\$42,658	\$13,933	\$5,528	\$62,119	115.3%
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0	n/a
Operating Transfer		79	39	41	44	45	248	26	36	310	64.8%
Total County Funding		\$8,338	\$10,705	\$9,004	\$8,574	\$6,285	\$42,906	\$13,958	\$5,565	\$62,429	114.9%
Federal		0	0	0	0	0	0	328	0	328	n/a
State		0	0	0	0	0	0	234	0	234	n/a
Other: WSSC		1,161	1,628	1,383	1,393	1,463	7,026	1,959	881	9,866	75.9%
Other:		0	0	0	0	0	0	11,751	0	11,751	n/a
Total Funding		\$9,499	\$12,332	\$10,387	\$9,967	\$7,747	\$49,933	\$28,229	\$6,446	\$84,608	108.8%
Capital Costs											
Influent/Effluent Pump Station	45%	\$2,336	\$2,336	\$0	\$0	\$0	\$4,671	\$3,054	\$0	\$7,725	678.7%
MWWTP Electrical System Replacement	45%	74	965	932	0	0	1,971	595	0	2,566	15.4%
MWWTP Flow Equalization	45%	320	1,836	2,633	3,870	3,870	12,529	227	0	12,755	348.5%
Mattawoman Infiltration and Inflow	45%	1,088	1,331	1,331	1,474	1,474	6,696	3,781	1,474	11,952	1.8%
Mattawoman WWTP Automation	45%	45	509	509	0	0	1,062	1,359	0	2,421	22.3%
MWWTP Clarifier and Thickener Repairs	45%	482	439	439	439	439	2,238	519	439	3,196	227.6%
Cobb Island/Swan Point Interconnection	50%	0	0	0	0	145	145	227	1,233	1,604	-100.0%
MWWTP Utility Water System Eval. & Improv.	45%	59	288	0	0	0	347	27	0	374	72.4%
Sewer Model Update	45%	36	36	36	36	36	182	18	36	236	107.1%
Mattawoman WWTP Berm Relocation		10	330	692	640	0	1,672	589	640	2,901	65.2%
Hughesville Package Treatment Plant		894	0	0	0	0	894	1,589	0	2,483	0.0%
Cobb Island Sewer Capacity & Feasibility Study	25%	41	0	0	0	0	41	0	0	41	0.0%
MD. Route 5 Pump Station Forcemain	50%	300	180	0	0	0	480	42	0	522	6.7%
WURC: Zekiah Pump Station Upgrade	77%	0	461	461	461	0	1,381	170	461	2,012	0.0%
WURC: Zekiah Pump Station Forcemain	50%	0	353	299	572	0	1,224	116	298	1,638	0.0%
WURC: Zekiah Interceptor Sewer Upgrades	50%	0	400	400	400	400	1,598	209	0	1,807	0.0%
Bryans Road Interceptor Sewer I&I Rehab	45%	180	703	702	702	0	2,287	0	0	2,287	new
Maryland (CSM) Pump Stations & Force mains Phase 2	25%	6	475	475	0	0	956	1,835	0	2,792	new
WURC: Old Washington Road Sewer	45%	91	465	0	0	0	556	0	0	556	new
Pump Station 3B		1,800	0	0	0	0	1,800	13,872	0	15,672	new
MWWTP Belt Filter Press Replacement	45%	104	455	455	0	0	1,013	0	455	1,468	new
MWWTP Effluent PS Forcemain Improve.	45%	918	0	0	0	0	918	0	0	918	new
Grit System Reconfiguration at MWWTP	45%	434	0	0	0	0	435	0	0	434	new
Total without inflation		\$9,217	\$11,560	\$9,361	\$8,593	\$6,364	\$45,096	\$28,229	\$5,165	\$78,489	115.3%
Contingency-inflation		282	772	1,026	1,374	1,384	4,837		1,281	6,119	56.3%
Total Connection Fee Projects		\$9,499	\$12,332	\$10,387	\$9,967	\$7,748	\$49,933	\$28,229	\$6,446	\$84,608	108.8%
TOTAL SEWER		\$22,410	\$34,877	\$28,862	\$27,150	\$21,043	\$134,341	\$53,807	\$15,197	\$203,345	88.7%
TOTAL WATER & SEWER		\$29,063	\$44,755	\$39,815	\$39,717	\$37,255	\$190,605	\$61,756	\$24,222	\$276,583	114.3%

* Represents split between Water & Sewer

WATER & SEWER FUND FIVE-YEAR PLAN

PROJECT IMPACT ON COMBINED WATER & SEWER USER FEE:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year
CIP Rate Adjustment						
Requested Water CIP	2.4	17.4	18.5	27.3	34.7	\$1.00
Requested Sewer CIP	7.3	30.4	71.1	59.4	54.7	\$2.23
Requested Water & Sewer CIP	9.7¢	47.8¢	89.6¢	86.7¢	89.4¢	\$3.23
<i>Annual CIP Rate Increase</i>	<i>1.0%</i>	<i>4.7%</i>	<i>8.4%</i>	<i>7.5%</i>	<i>7.2%</i>	

Estimated Increase in quarterly bill:

Impact of FY15-FY19 CIP: \$1.38 \$6.84 \$12.82 \$12.41 \$12.79

Capital Improvement Program Operating Impact

An operating impact is required on all CIP projects. The impact of the future operating impacts on the existing Water and Sewer rate is listed on each project page in the Capital Budget section. Listed below is a summary of all projects impacting the Water and Sewer user fee rates and the affect of each project on the existing rate.

The required rate adjustment is calculated by taking the Total Cost per Year and dividing it by the estimated amount of money that one cent generates.

	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>
Marginal Revenue generated from a one cent rate adjustment:	\$22,252	\$22,612	\$22,972	\$23,331	\$23,697

PROJECT IMPACT ON WATER USER FEE:

	Prior	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Impact on Rate	Impact on Qtrly. Bill
<u>DEBT SERVICE</u>								
Automation & Technology Master Plan	650,300	650,300	653,600	773,800	902,000	1,050,900	44.3¢	\$6.35
MWWTP Lab Renovation	3,000	3,000	3,000	3,000	3,000	3,000	0.1¢	\$0.02
Well Site Automation	15,600	15,600	15,600	15,600	15,600	15,600	0.7¢	\$0.09
Underground Infrastructure Repairs	0	0	46,800	95,400	145,600	197,600	8.3¢	\$1.19
Benedict Water System Improvements	45,700	45,700	118,600	118,600	118,600	118,600	5.0¢	\$0.72
South County Water Transmission Main	8,700	8,700	8,700	8,700	34,400	34,400	1.5¢	\$0.21
Satellite Water Facility Upgrades	87,100	87,100	272,300	361,900	425,600	489,600	20.7¢	\$2.96
Chapel Point Water Tower (Relocated)	0	0	7,700	46,500	86,700	86,700	3.7¢	\$0.52
Pinefield Water Tower Rehabilitation	0	0	0	0	8,200	61,600	2.6¢	\$0.37
Gleneagles 2MG Water Tower	0	0	60,400	222,700	390,900	564,800	23.8¢	\$3.41
Waldorf Fire House Water Tower Replacem	0	0	15,100	55,700	97,700	141,200	6.0¢	\$0.85
White Plains 2MG Water Tower	0	0	0	0	64,800	238,800	10.1¢	\$1.44
Settle Woods Water Tower Rehabilitation	0	0	0	0	6,100	35,200	1.5¢	\$0.21
Contingency Inflation	0	0	11,800	45,200	110,700	228,900	9.7¢	\$1.38
Total Debt Service	\$810,400	\$810,400	\$1,213,600	\$1,747,100	\$2,409,900	\$3,266,900		
<u>OPERATING</u>								
Water Model Update	18,700	41,300	41,800	41,800	41,800	41,800	1.8¢	
Waldorf/Chapel Pt. Water System Interconnection Feasibility Study	57,000	83,000	83,000	0	0	0	0.0¢	
Contingency Inflation	0	3,700	9,300	5,500	7,200	10,500	0.4¢	
Total Operating Costs	\$75,700	\$128,000	\$134,100	\$47,300	\$49,000	\$52,300		
Total Cost per Year:	\$886,100	\$52,300	\$409,300	\$446,700	\$664,500	\$860,300	\$1.40	\$19.73
FY15-FY19 Cumulative Cost:		\$52,300	\$461,600	\$908,300	\$1,572,800	\$2,433,100		

Required CIP Water Rate Adjustment Per Year:

	Prior	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Impact on Rate
Rate Adjustment per Year *	39.8¢	2.4¢	17.4¢	18.5¢	27.3¢	34.7¢	\$1.40
<i>Estimated % change due to CIP:</i>		<i>0.6%</i>	<i>4.6%</i>	<i>4.7%</i>	<i>6.6%</i>	<i>7.8%</i>	

* Note: Rate Adjustment will vary due to tiered billing system for Residential Users.

WATER & SEWER FUND FIVE-YEAR PLAN

Capital Improvement Program Operating Impact

PROJECT IMPACT ON SEWER USER FEE:	Prior	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Impact on Rate	Impact on Qtrly. Bill
DEBT SERVICE								
Automation & Technology Master Plan	650,300	650,300	653,600	773,800	902,100	1,051,000	47.9¢	\$6.85
MWWTP Lab Renovation	3,000	3,000	3,000	3,000	3,100	3,100	0.1¢	\$0.02
Influent/Effluent Pump Station	156,100	156,100	299,000	450,500	450,500	450,500	20.5¢	\$2.94
MWWTP Electrical System Replacement	51,500	51,500	58,000	146,000	233,900	233,900	10.7¢	\$1.52
MWWTP Flow Equalization	13,500	13,500	33,000	152,200	333,200	614,400	28.0¢	\$4.00
Mattawoman Infiltration and Inflow	183,300	183,300	232,100	295,500	362,600	441,200	20.1¢	\$2.87
Mattawoman WWTP Automation	117,500	117,500	121,400	167,800	215,700	215,700	9.8¢	\$1.41
Pump Station Rehabs and Replacements	52,500	52,500	269,300	559,800	844,300	992,000	45.2¢	\$6.46
Satellite Wastewater Facility Upgrades	88,400	88,400	117,000	174,100	233,200	294,400	13.4¢	\$1.92
MWWTP Clarifier and Thickener Repairs	30,800	30,800	60,300	88,800	118,900	150,900	6.9¢	\$0.98
Cobb Island/Swan Point Interconnection	12,900	12,900	12,900	12,900	12,900	12,900	0.6¢	\$0.08
MWWTP Utility Water System Evaluation & Improvement	1,600	1,600	5,200	23,900	23,900	23,900	1.1¢	\$0.16
Clifton Pump Station #4	7,600	7,600	27,900	89,400	89,400	89,400	4.1¢	\$0.58
Marshall Hall Road Gravity Sewer Replacement (Upper Reaches)	10,400	10,400	70,800	142,900	142,900	142,900	6.5¢	\$0.93
MD. Route 5 Pump Station Forcemain	11,700	11,700	68,500	110,500	110,500	110,500	5.0¢	\$0.72
WURC: Zekiah Pump Station Upgrade	2,400	2,400	20,000	31,300	31,300	31,300	1.4¢	\$0.20
WURC: Zekiah Pump Station Forcemain	2,900	2,900	2,900	11,500	20,600	30,200	1.4¢	\$0.20
WURC: Zekiah Pump Station Forcemain	6,600	6,600	6,600	28,700	48,500	88,400	4.0¢	\$0.58
WURC: Zekiah Interceptor Sewer Upgrades	11,900	11,900	11,900	36,900	63,300	91,300	4.2¢	\$0.59
Clifton WWTP Improvements	0	0	0	21,100	110,200	331,300	15.1¢	\$2.16
Bryans Road Interceptor Sewer I&I Rehabilitation	0	0	13,000	66,600	123,400	183,400	8.4¢	\$1.20
Mt. Carmel Woods/College of Southern Maryland (CSM) Pump Stations & WURC: Old Washington Road Sewer	289,800	289,800	290,900	379,900	474,200	474,200	21.6¢	\$3.09
MWWTP Belt Filter Press Replacement	0	0	6,600	42,100	42,100	42,100	1.9¢	\$0.27
MWWTP Effluent PS Forcemain Improvements	0	0	6,300	35,800	67,100	67,100	3.1¢	\$0.44
Grit System Reconfiguration at MWWTP	0	0	56,200	56,200	56,200	56,200	2.6¢	\$0.37
	0	0	26,600	26,600	26,600	26,600	1.2¢	\$0.17
Contingency Inflation	0	0	23,500	120,700	253,300	429,900	19.6¢	\$2.80
Total Debt Service	\$1,704,700	\$1,704,700	\$2,496,500	\$4,048,500	\$5,393,900	\$6,678,700		
OPERATING								
Sewer Model Update	21,500	44,000	44,600	44,600	44,600	44,600	2.0¢	\$0.29
Cobb Island Sewer Capacity & Feasibility Study	0	123,000	0	0	0	0	0.0¢	\$0.00
Contingency Inflation	0	5,400	3,300	5,500	8,800	10,500	0.5¢	
Total Operating Costs	\$21,500	\$172,400	\$47,900	\$50,100	\$53,400	\$55,100		
Total Cost per Year:	\$1,726,200	\$150,900	\$667,300	\$1,554,200	\$1,348,700	\$1,286,500	\$3.07	\$43.81
FY15-FY19 Cumulative Cost:		\$150,900	\$818,200	\$2,372,400	\$3,721,100	\$5,007,600		

Required CIP Sewer Rate Adjustment Per Year:

	Prior	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Impact on Rate
Rate Adjustment per Year	83.7¢	7.3¢	30.4¢	71.1¢	59.4¢	54.7¢	\$3.07
Estimated % change due to CIP:		1.2%	4.7%	10.6%	8.0%	6.8%	

CONNECTION FEE

The connection fee rate will be adjusted in addition to the time value of money if a project or projects impact the rate over and above the normal fee. This year based on the requested CIP we are proposing that the water and sewer rate will need to increase by approximately 6% annually to fund the proposed CIP.

Fiscal Year	Sewer Connection Fee	Water Connection Fee	Combined Fee	% Change
2014 Actual	\$7,209	\$4,153	\$11,362	6.6%
2015	\$7,790	\$4,323	\$12,113	6.6%
2016	\$8,413	\$4,498	\$12,911	6.6%
2017	\$9,086	\$4,680	\$13,766	6.6%
2018	\$9,813	\$4,869	\$14,682	6.7%
2019	\$10,598	\$5,065	\$15,663	6.7%

Capital Projects

Department: Planning & Growth Management 30.07.32
Division \ Program: Capital Services Fund: Capital
Program Administrator: John Stevens, Chief of Capital Services

Expenditure Category	FY2013 Actual	FY2014 Adopted	FY2015 Request	FY2015 Adopted	\$ Change from FY2014	% Chg.
Personal Services	\$1,270,659	\$1,363,100	\$1,490,600		\$127,500	9.4%
Fringe Benefits	398,345	416,100	474,100		58,000	13.9%
Operating Costs	65,533	229,800	223,200		(6,600)	-2.9%
Debt Service	614	3,800	0		(3,800)	N/A
Transfers Out (charged to capital projects)	(1,735,679)	(2,012,800)	(2,191,100)		(178,300)	8.9%
Total Baseline	(\$528)	\$0	(\$3,200)	\$0	(\$3,200)	N/A
New Requests (see attached)			3,200		3,200	NEW
Total Expenditures	(\$528)	\$0	\$0	\$0	\$0	N/A

Changes and Useful Information:

- **Personal Services** includes the full year impact of the merit received during FY 2014 and full year impact of an Office Associate and Engineer position approved during FY2014.
- The **Fringe Benefits** increase is a result of the pension cost increase due to the merit received in FY 2014, as well as, provides an adjustment to the County's Health & Dental Budget. A current projection assumes a 6% increase in health & dental costs.
- The decrease in **Operating Costs** is due to one time FY2014 cost for monitors (\$6,000) and adjustments in other cost based on activity netting a decrease of (\$600).
- **Debt service** decrease due to the FY09 capital lease ending.

Description

The Capital Services (CS) Division provides professional project management services for development and implementation of infrastructure improvements within Charles County. These projects include roads, water, sewer, and environmental projects, as well as building facilities exceeding \$500,000. The CS Division is responsible for managing the capital improvements projects from the conceptual stages, onto design, through construction and start up. The CS Division develops project estimates for budget purposes.

The division coordinates design and construction with the user agency, Department of Public Works (DPW)/Utilities and DPW Facilities to incorporate the user agency's operating requirements into the design of the facility while providing material and equipment that is compatible with the maintenance requirements of DPW Utilities and DPW Facilities. The Division administers construction projects to ensure that schedules are met and quality standards are achieved by contractors performing work for the county.

The goals of the Capital Services Division are to provide economical designs that satisfy the requirements of the end users while incorporating materials and equipment that enhance the maintenance of the systems, provide construction oversight to ensure that projects are delivered on time and within budget, and meet the quality standards set forth in the construction documents.

Capital Projects

Department: Planning & Growth Management 30.07.32
Division \ Program: Capital Services Fund: Capital
Program Administrator: John Stevens, Chief of Capital Services

Positions:	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Title	FTE	FTE	FTE	FTE	FTE	FTE
Director of Planning & Growth Mgmt	0.00	0.25	0.25	0.25	0.25	0.25
Chief of Capital Services	1.00	1.00	1.00	1.00	1.00	1.00
Chief of Resource & Infrastructure Mgmt	0.00	0.20	0.20	0.20	0.20	0.20
Engineer IV	2.00	2.00	2.00	2.00	2.00	2.00
Resource Analyst - GIS	0.20	0.20	0.20	0.20	0.20	0.20
Administration Manager	0.00	0.25	0.25	0.25	0.25	0.25
Engineer III	3.00	3.00	3.00	3.00	4.00	4.00
Utilities Engineer	0.10	0.13	0.13	0.13	0.13	0.13
Planner I- III	0.40	0.70	0.70	0.70	0.70	0.70
Engineer I / II	4.00	4.00	3.00	3.00	3.00	3.00
Right of Way Agent I / II	2.00	2.00	2.00	2.00	2.00	2.00
Project Administrative Specialist	2.00	1.00	2.00	2.00	2.00	2.00
Administrative Associate	1.00	1.70	1.70	1.70	1.70	1.70
Office Associate I- III	1.20	1.30	1.30	1.30	2.00	2.00
Paralegal Supervisor	1.00	1.00	1.00	0.80	0.80	0.80
Part Time	0.20	0.15	0.15	0.15	0.17	0.17
Total Full Time Equivalent	18.1	18.9	18.9	18.7	20.4	20.4

Objectives & Measurements:

	FY11 Actual	FY12 Actual	FY13 Actual	FY14 Projected	FY15 Estimated
<u>Objective: to provide infrastructure planning, design and construction for roadways, water and wastewater systems, facilities and environment, as adopted in the County Master Plan.</u>					
# of active projects	84	81	88	84.3	88.6
Projects per FTE	10.50	5.06	6.29	5.0	5.2
\$'s expended for A&E	2,141,759	2,685,275	\$3,105,345	\$2,644,126	\$2,776,333
\$'s expended for ROW	1,525,327	685,728	\$1,783,751	\$1,331,602	\$1,398,182
\$'s expended for Construction	14,305,104	15,520,630	\$5,578,243	\$11,801,326	\$12,391,392
\$'s expended for Inspection	977,191	1,153,195	\$452,493	\$860,960	\$904,007
\$'s expended for Administration	431,542	625,436	\$531,548	\$529,509	\$555,984
\$'s expended for Other	505,863	828,666	\$133,498	\$489,342	\$513,810
Change orders as % of construction costs	2.0%	2.6%	2.8%	2.5%	2.6%
# of contracts administered	165	151	176	164	172

FY15 NEW OPERATING/CAPITAL REQUEST

Item Description	Justification	Value of Request	Additional Operating	Value of Capital Outlay	Direct Purchase	1/2 Year Lease	Annual Lease
CIP Division	30.07.32.0503.000						
FOR PGM PLANNING/RIM/CIP DIVISION: Complete Scanning Station to include PC, monitor, MS Office Suite Quick Fields module, Laserfiche user licenses (4), desktop scanner, desk phone TOTAL COST: \$9,400, Split with the General Fund.	To be able to start scanning documents (plat files, prelim files, site development plans, DRRAs, capital project files, etc.) in laserfiche. Since PGM encompasses the second floor, we have the need for a second station to make this process more efficient by providing the equipment closer to its users. A phone is also part of this request so staff can transfer their desk phone to the scanning station area; thereby not sacrificing fast customer service to callers.	3,200		3,200	P 3,200		
Total CIP Division		3,200	0	3,200	3,200	0	0

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User 50.0%	Requested By: DPW
Automation & Technology Master Plan	Water Connection	Project #: 6081
	Sewer User 50.0%	
	Sewer Connection	

This project request is the result of an extensive study in FY08 and FY09 by Westin Engineering to determine the Information Technology needs of the Utilities Division in order to bring it into the 21st century. The project will include emphasis on Supervisor, Control, and Data Acquisition (SCADA), regulatory compliance, data management, work management, and performance management, among other issues. The ultimate goal of this project is for the Department of Public Works - Utilities to accomplish its functions even in periods of growth without adding field staff and to make more efficient use of the resources currently available. Additional facility control, instrumentation, and communication improvements have been determined necessary through further evaluation and design of the SCADA system than originally scoped resulting in an overall project increase.

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$825	\$905	\$1,180	\$925	\$3,835	\$5,636	\$0	\$9,471
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	815	815	815	815	3,260	3,616	0	6,876
Equipment	0	125	125	125	125	500	1,521	0	2,021
Administration	55	55	55	55	55	275	213	0	488
Inspection	0	82	82	82	82	328	200	0	528
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	82	82	82	82	328	0	0	328
Total Outlay	\$55	\$1,984	\$2,064	\$2,339	\$2,084	\$8,526	\$11,186	\$0	\$19,712

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Bonds (10 Year)	\$55	\$1,984	\$2,064	\$2,339	\$2,084	\$8,526	\$11,152	\$0	\$19,678	
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0	0
Total County Funding	\$55	\$1,984	\$2,064	\$2,339	\$2,084	\$8,526	\$11,152	\$0	\$19,678	
Federal	0	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0	0
Other: WSSC	0	0	0	0	0	0	34	0	34	
Other:	0	0	0	0	0	0	0	0	0	0
Total Funding	\$55	\$1,984	\$2,064	\$2,339	\$2,084	\$8,526	\$11,186	\$0	\$19,712	

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	1,300.7	1,307.2	1,547.6	1,803.9	2,101.7	1,300.7	2,101.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$1,300.7	\$1,307.2	\$1,547.6	\$1,803.9	\$2,101.7	\$1,300.7	\$2,101.7

Increase to Water User Fee:	29.2¢	28.9¢	33.7¢	38.7¢	44.3¢	29.2¢	43.7¢
Increase to Sewer User Fee:	31.5¢	31.2¢	36.3¢	41.7¢	47.8¢	31.5¢	47.1¢
Combined Fee Increase:	60.7¢	60.1¢	70.0¢	80.4¢	92.2¢	60.7¢	90.8¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$1,900	\$2,415	\$2,303	\$1,712	\$8,330
Increase/(Decrease)	(\$1,845)	(\$431)	(\$239)	\$627	(\$1,888)
% change	-97.1%	-17.8%	-10.4%	36.6%	-22.7%

LOCATION:

County-wide

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User	50.0%	Requested By:	DPW
MWWTP Lab Renovation	Water Connection	0.0%	Project #:	6087
	Sewer User	50.0%		
	Sewer Connection	0.0%		
Renovation of the lab to expand space to accommodate testing equipment and increase safety within the working environment. This request is based on estimates from Department of Public Works- Facilities. FY2014 funding will cover the replacement of bench tops, sinks, and fixtures.				

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	70	0	70
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	10	0	10
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$80	\$0	\$80

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$73	\$0	\$73
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$73	\$0	\$73
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	7	0	7
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$80	\$0	\$80

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$6.1	\$6.1	\$6.1	\$6.1	\$6.1	\$6.1	\$6.1
Increase to Water User Fee:	0.1¢	0.1¢	0.1¢	0.1¢	0.1¢	0.1¢	0.1¢
Increase to Sewer User Fee:	0.1¢	0.1¢	0.1¢	0.1¢	0.1¢	0.1¢	0.1¢
Combined Fee Increase:	0.3¢	0.3¢	0.3¢	0.3¢	0.3¢	0.3¢	0.3¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$135	\$135
Increase/(Decrease)	\$0	\$0	\$0	(\$135)	(\$135)
% change	n/a	n/a	n/a	-100.0%	-100.0%

LOCATION:

MWWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User	100%	Requested By:	DPW
Well Site Automation	Water Connection	0%	Project #:	6097
Installation of control equipment to automate various well sites that include, but are not limited to the following: White Oak, John Hansen, St. Charles, Smallwood West, Mattawoman-Beantown, Towne Plaza, Billingsley 1 & 2, Westwood Drive 1 & 2, Cleveland Park 1 & 2, Piney Church, Pinefield, and Bensville 1 & 2 wells. Work also includes installation of equipment to monitor aquifer levels at the well sites listed above including St. Anne's, Clifton #2, Swan Point (2 wells), Bel Alton (2 wells), Mt. Carmel Woods (2 wells), Mariellen (2 wells), Ellenwood (2 wells), Jude House (2 wells), Benedict (2 wells), Strawberry Hills, Hunter's Brooke (2 wells), Beantown Woodley, Oakwood, Spring Valley, Brookwood, and Newtown Village.				

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$15	\$0	\$15
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	150	0	150
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	7	0	7
Inspection	0	0	0	0	0	0	15	0	15
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$0	\$0	\$0	\$0	\$0	\$187	\$0	\$187

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$187	\$0	\$187
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$187	\$0	\$187
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$187	\$0	\$187

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	15.6	15.6	15.6	15.6	15.6	15.6	15.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$15.6	\$15.6	\$15.6	\$15.6	\$15.6	\$15.6	\$15.6
Increase to Water User Fee:	0.7¢	0.7¢	0.7¢	0.7¢	0.7¢	0.7¢	0.6¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$126	\$0	\$0	\$0	\$126
Increase/(Decrease)	(\$126)	\$0	\$0	\$0	(\$126)
% change	-100.0%	n/a	n/a	n/a	-100.0%

LOCATION:

See sites listed in description

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User 100%	Requested By: DPW
Underground Infrastructure Repairs	Water Connection 0%	Project #:
<p>Excavate and replace corroded bonnet bolts on underground valves in Lexington, Wexford, and other areas of the County. The bolts are only 11 years old but have already begun to fail because stainless steel was not used in the original construction. Also need to excavate and replace corroded steel service saddles in Pinefield which are approaching 40 years of service life. These have begun to fail and repairing them only as breaks occur results in unscheduled outages, unplanned emergency repair work involving larger excavations, and more extensive restoration, all of which are far more costly.</p>		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$315	\$315
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	500	500	500	500	500	2,500	0	3,150	5,650
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	3	3	3	15	0	332	347
Inspection	0	0	0	0	0	0	0	315	315
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	50	50	50	50	50	250	0	315	565
Total Outlay	\$553	\$553	\$553	\$553	\$553	\$2,765	\$0	\$4,427	\$7,192

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Bonds (15 Year)	\$553	\$553	\$553	\$553	\$553	\$2,765	\$0	\$4,427	\$7,192	
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0	0
Total County Funding	\$553	\$553	\$553	\$553	\$553	\$2,765	\$0	\$4,427	\$7,192	
Federal	0	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0	0
Total Funding	\$553	\$553	\$553	\$553	\$553	\$2,765	\$0	\$4,427	\$7,192	

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	46.8	95.4	145.6	197.6	666.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$46.8	\$95.4	\$145.6	\$197.6	\$666.1
Increase to Water User Fee:	0.0¢	2.1¢	4.2¢	6.2¢	8.3¢	27.7¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$503	\$503	\$503	\$503	\$2,012
Increase/(Decrease)	\$50	\$50	\$50	\$50	\$200
% change	9.9%	9.9%	9.9%	9.9%	9.9%

LOCATION:

Development District

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User 100%	Requested By: DPW
Benedict Water System Improvements	Water Connection 0%	Project #: 6099
<p>Project includes, but is not limited to replacement of Benedict well and/or installation of an arsenic treatment plant, generator installation to ensure uninterrupted service in the case of a power outage, and replacement of deteriorated hydro-pneumatic and ground storage tanks at Benedict and St. Francis well sites.</p>		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$65	\$0	\$0	\$0	\$0	\$65	\$75	\$0	\$140
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	650	0	0	0	0	650	325	0	975
Equipment	0	0	0	0	0	0	100	0	100
Administration	15	0	0	0	0	15	15	0	30
Inspection	65	0	0	0	0	65	35	0	100
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	65	0	0	0	0	65	0	0	65
Total Outlay	\$860	\$0	\$0	\$0	\$0	\$860	\$550	\$0	\$1,410

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$860	\$0	\$0	\$0	\$0	\$860	\$550	\$0	\$1,410
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$860	\$0	\$0	\$0	\$0	\$860	\$550	\$0	\$1,410
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$860	\$0	\$0	\$0	\$0	\$860	\$550	\$0	\$1,410

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	45.7	118.6	118.6	118.6	118.6	45.7	118.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$45.7	\$118.6	\$118.6	\$118.6	\$118.6	\$45.7	\$118.6
Increase to Water User Fee:	2.1¢	5.2¢	5.2¢	5.1¢	5.0¢	2.1¢	4.9¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$285	\$0	\$0	\$0	\$285
Increase/(Decrease)	\$575	\$0	\$0	\$0	\$575
% change	201.8%	n/a	n/a	n/a	201.8%

Construction costs for the various improvements are expected to be 201.8% higher than preliminary estimates.

LOCATION:
Benedict, MD

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User 55%	Requested By: PGM
Water Model Update	Water Connection 45%	Project #: 6090
<p>To update the current County Water Model by including newly installed water utilities and verifying the system stability and deficiencies. The County anticipates having to make changes to our traditional operations of our water system, due to concerns with water supply in certain geographic areas.</p>		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$27	\$27	\$27	\$27	\$27	\$135	\$27	\$27	\$189
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	45	46	46	46	46	229	4	46	279
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	3	3	3	3	3	15	3	3	21
Total Outlay	\$75	\$76	\$76	\$76	\$76	\$379	\$34	\$76	\$489

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	0
Operating Transfer	75	76	76	76	76	379	34	76	489	
Total County Funding	\$75	\$76	\$76	\$76	\$76	\$379	\$34	\$76	\$489	
Federal	0	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0	0
Total Funding	\$75	\$76	\$76	\$76	\$76	\$379	\$34	\$76	\$489	

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Water User Fee:	1.9¢	1.8¢	1.8¢	1.8¢	1.8¢	0.8¢	0.0¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$34	\$34	\$34	\$34	\$136
Increase/(Decrease)	\$41	\$42	\$42	\$42	\$167
% change	120.6%	123.5%	123.5%	123.5%	122.8%

LOCATION:
County-wide

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User	0%	Requested By:	PGM
Various County Water Studies	Water Connection	100%	Project #:	6091
<p>Surface Water Treatment Plant Study (New) - Consistent with the recommendations of the 2006 Water Resources Advisory Committee Report to the Charles County Commissioners, an evaluation of feasibility is needed to determine the infrastructure needs, potential natural environmental and socio-economic impacts, and cost implications of a surface water treatment facility in Charles County. The feasibility study will determine the cost versus benefit of a surface water treatment system and associated water distribution logistics over other currently used water sources. The Study will also take into account the potential for multiple users/multiple jurisdictions as a regional water supply.</p> <p>Aquifer Storage Recovery Feasibility Study (New)- Consistent with the recommendations of the 2006 Water Resources Advisory Committee Report to the Charles County Commissioners, an evaluation is needed to determine the feasibility of implementing an Aquifer Storage Recovery System (ASR). The Study will include an evaluation of the infrastructure needs, potential natural environmental and socio-economic impacts, and cost implications of the ASR System. The Study will also evaluate the necessary Federal, State and Local regulatory obstacles and associated changes to permit an ASR system in Charles County.</p>				

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$75	\$75	\$0	\$0	\$0	\$150	\$225	\$0	\$375
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	10	10	0	0	0	20	28	0	48
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	4	4	0	0	0	8	12	0	20
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$89	\$89	\$0	\$0	\$0	\$178	\$265	\$0	\$443

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	89	89	0	0	0	178	265	0	443
Total County Funding	\$89	\$89	\$0	\$0	\$0	\$178	\$265	\$0	\$443
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$89	\$89	\$0	\$0	\$0	\$178	\$265	\$0	\$443

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$89	\$89	\$0	\$0	\$178
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	0.0%	n/a	n/a	0.0%

LOCATION:

County-wide

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User 100%	Requested By: PGM
Waldorf/Chapel Pt. Water System	Water Connection 0%	Project #: 6100
Interconnection Feasibility Study		
Perform a study to analyze the feasibility of connecting the Waldorf water system to Chapel Point water system. The interconnection of the two water systems will provide a reliable water supply to the southern portion of the County.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$75	\$75	\$0	\$0	\$0	\$150	\$50	\$0	\$200
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	7	7	0	0	0	14	6	0	20
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	1	1	0	0	0	2	1	0	3
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$83	\$83	\$0	\$0	\$0	\$166	\$57	\$0	\$223

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	0
Operating Transfer	83	83	0	0	0	166	57	0	223	
Total County Funding	\$83	\$83	\$0	\$0	\$0	\$166	\$57	\$0	\$223	
Federal	0	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0	0
Total Funding	\$83	\$83	\$0	\$0	\$0	\$166	\$57	\$0	\$223	

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Water User Fee:	1.2¢	0.0¢	-3.7¢	0.0¢	0.0¢	2.6¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$83	\$83	\$0	\$0	\$166
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	0.0%	n/a	n/a	0.0%

LOCATION:
Waldorf & Chapel Point

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME: White Plains South Water Line Improvements	Water User Water Connection	0% 100%	Requested By: PGM Project #:
Design and construction of a 12" water line along Marshall Corner Road from US 301 to Pickeral Street to begin a loop to the southern portion of the Waldorf System.			
NOTE: Project is contingent on Residents securing Grant funding.			

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total	Approp. thru FY14	Beyond FY 2019	Project Total
						'15-'19			
Architectural & Engineering	\$150	\$0	\$0	\$0	\$0	\$150	\$0	\$0	\$150
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	300	300	0	0	0	600	0	0	600
Equipment	0	0	0	0	0	0	0	0	0
Administration	26	18	0	0	0	44	0	0	44
Inspection	18	18	0	0	0	36	0	0	36
Miscellaneous	5	5	0	0	0	10	0	0	10
Contingency	30	30	0	0	0	60	0	0	60
Total Outlay	\$529	\$371	\$0	\$0	\$0	\$900	\$0	\$0	\$900

FINANCING SOURCES									
Bonds (15 Year)	\$267	\$188	\$0	\$0	\$0	\$454	\$0	\$0	\$454
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$267	\$188	\$0	\$0	\$0	\$454	\$0	\$0	\$454
Federal	0	0	0	0	0	0	0	0	0
State	263	184	0	0	0	446	0	0	446
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$529	\$371	\$0	\$0	\$0	\$900	\$0	\$0	\$900

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Beyond FY 2019			
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00			
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0			
Operating	0.0	0.0	0.0	0.0	0.0	0.0			
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
Debt Service: Bonds	0.0	22.6	39.0	39.0	39.0	39.0			
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0			
Total Impact	\$0.0	\$22.6	\$39.0	\$39.0	\$39.0	\$39.0			
 Increase to Water User Fee:	 0.0¢	 0.0¢	 0.0¢	 0.0¢	 0.0¢	 0.0¢			

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$529	\$371	\$0	\$0	\$900
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	0.0%	n/a	n/a	0.0%

LOCATION:	Marshall Corner Road to Pickeral Street
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PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User 50%	Requested By: DPW
South County Water Transmission Main	Water Connection 50%	Project #: 6101
Interconnection of the Waldorf Water System with satellite water systems in the southern region of the County to continue to provide a healthy, sustainable water supply. This project will also help control rising costs associated with operating and maintaining multiple small satellite community water systems once the interconnection is completed.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$550	\$0	\$475	\$1,025	\$200	\$0	\$1,225
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	6,750	6,750	0	0	6,750
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	15	0	15	30	10	0	40
Inspection	0	0	0	0	325	325	0	0	325
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	675	675	0	0	675
Total Outlay	\$0	\$0	\$565	\$0	\$8,240	\$8,805	\$210	\$0	\$9,015

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$0	\$0	\$565	\$0	\$8,240	\$8,805	\$210	\$0	\$9,015
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$565	\$0	\$8,240	\$8,805	\$210	\$0	\$9,015
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$565	\$0	\$8,240	\$8,805	\$210	\$0	\$9,015

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	17.5	17.5	17.5	68.8	68.8	17.5	844.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$17.5	\$17.5	\$17.5	\$68.8	\$68.8	\$17.5	\$844.0
Increase to Water User Fee:	0.4¢	0.4¢	0.4¢	1.5¢	1.5¢	0.4¢	17.5¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$210	\$0	\$0	\$0	\$210
Increase/(Decrease)	(\$210)	\$0	\$565	\$0	\$355
% change	-100.0%	n/a	new	n/a	169.0%

LOCATION:
Southern portion of the County

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User 100%	Requested By: DPW
Satellite Water Facility Upgrades	Water Connection 0%	Project #: 6093
<p>To provide necessary upgrades to various satellite water facilities that include, but are not limited to the following: Install generator with automatic transfer switch for power distribution system reliability at the following sites: Swan Point, Bel Alton, Spring Valley, Beantown Woodley, Newtown Village, Mariellen, Ellenwood, St. Anne's, electrical/mechanical equipment replacement at Swan Pt. Wells #1 & #2, Newtown Village, Jude House Reverse Osmosis system, coating replacement at Chapel Pt. Woods standpipe, Jude House Well Replacement, and installation of additional standpipe at Chapel Pt. Woods.</p>		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$385	\$255	\$235	\$215	\$215	\$1,305	\$45	\$215	\$1,565
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,490	625	375	375	375	3,240	830	375	4,445
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	15	15	75	42	15	132
Inspection	149	63	38	38	38	326	130	38	494
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	149	63	38	38	38	324	0	38	362
Total Outlay	\$2,188	\$1,021	\$701	\$681	\$681	\$5,270	\$1,047	\$681	\$6,998

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$2,188	\$1,021	\$701	\$681	\$681	\$5,270	\$1,047	\$681	\$6,998
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$2,188	\$1,021	\$701	\$681	\$681	\$5,270	\$1,047	\$681	\$6,998
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$2,188	\$1,021	\$701	\$681	\$681	\$5,270	\$1,047	\$681	\$6,998

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	87.1	272.3	361.9	425.6	489.6	87.1	617.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$87.1	\$272.3	\$361.9	\$425.6	\$489.6	\$87.1	\$617.6
Increase to Water User Fee:	3.9¢	12.0¢	15.8¢	18.2¢	20.7¢	3.9¢	25.7¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$498	\$498	\$498	\$498	\$1,992
Increase/(Decrease)	\$1,690	\$523	\$203	\$183	\$2,598
% change	339.4%	104.9%	40.7%	36.6%	130.4%

Additional improvements were identified and construction costs are expected to be higher than preliminary estimates.

LOCATION:

Various locations, see description above

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME: Bensville Water Tower No. 8	Water User Water Connection	0% 100%	Requested By: PGM Project #:
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As described in the Charles County Water & Sewer Engineering & Operations Plan, a 2 million gallon water storage tower will be needed in the Bensville area in 2020. The project will provide funding for preliminary engineering, design, and construction of a 2 MGD water storage tower.

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$500	\$0	\$0	\$0	\$0	\$500	\$0	\$0	\$500
Land & ROW	10	0	0	0	0	10	0	0	10
Construction	0	1,667	1,667	1,666	0	5,000	0	0	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	20	80	80	80	0	260	0	0	260
Inspection	0	40	40	40	0	120	0	0	120
Miscellaneous	5	10	10	10	0	35	0	0	35
Contingency	0	133	133	134	0	400	0	0	400
Total Outlay	\$535	\$1,930	\$1,930	\$1,930	\$0	\$6,325	\$0	\$0	\$6,325

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$535	\$1,930	\$1,930	\$1,930	\$0	\$6,325	\$0	\$0	\$6,325
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$535	\$1,930	\$1,930	\$1,930	\$0	\$6,325	\$0	\$0	\$6,325
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$535	\$1,930	\$1,930	\$1,930	\$0	\$6,325	\$0	\$0	\$6,325

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	45.3	214.7	390.1	571.6	0.0	571.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$45.3	\$214.7	\$390.1	\$571.6	\$0.0	\$571.6
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$535	\$1,930	\$1,930	\$1,930	\$6,325
% change	new	new	new	new	new

LOCATION:

MD 224 at Bumpy Oak Road

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User	100%	Requested By: PGM
Chapel Point Water Tower (Relocated)	Water Connection	0%	Project #:
<p>The existing Waldorf Fire House 200,000 Gallon Water Tower has been unused for several years at its present location in Waldorf. The tower still has years of useable life with some rehab work but is not needed for the Waldorf system. Relocating the tank to the Chapel Point well site would provide consistent pressure and fire flow capacity protection to the community. The project involves construction of a new foundation, dismantling of the tower, the rehabilitating and installing the tower in its new location.</p>			

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$75	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$75
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	375	375	0	0	750	0	0	750
Equipment	0	0	0	0	0	0	0	0	0
Administration	11	19	19	0	0	49	0	0	49
Inspection	0	10	10	0	0	20	0	0	20
Miscellaneous	5	0	0	0	0	5	0	0	5
Contingency	0	38	38	0	0	76	0	0	76
Total Outlay	\$91	\$442	\$442	\$0	\$0	\$975	\$0	\$0	\$975

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$91	\$442	\$442	\$0	\$0	\$975	\$0	\$0	\$975
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$91	\$442	\$442	\$0	\$0	\$975	\$0	\$0	\$975
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$91	\$442	\$442	\$0	\$0	\$975	\$0	\$0	\$975

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	7.7	46.5	86.7	86.7	0.0	86.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$7.7	\$46.5	\$86.7	\$86.7	\$0.0	\$86.7
Increase to Water User Fee:	0.0¢	0.3¢	2.0¢	3.7¢	3.7¢	0.0¢	3.6¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$91	\$442	\$442	\$0	\$975
% change	new	new	new	n/a	new

LOCATION:

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User	100%	Requested By:	PGM
Pinefield Water Tower Rehabilitation	Water Connection	0%	Project #:	
The 1 MG Pinefield Water Tower is in need of rehabilitation. This project will include a preliminary assessment inspection and report, evaluation, recoating, and miscellaneous repairs.				

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$70	\$0	\$0	\$70	\$0	\$0	\$70
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	453	453	906	0	0	906
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	10	39	39	88	0	0	88
Inspection	0	0	0	30	30	60	0	0	60
Miscellaneous	0	0	10	0	0	10	0	0	10
Contingency	0	0	0	46	46	92	0	0	92
Total Outlay	\$0	\$0	\$90	\$568	\$568	\$1,226	\$0	\$0	\$1,226

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$0	\$0	\$90	\$568	\$568	\$1,226	\$0	\$0	\$1,226
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$90	\$568	\$568	\$1,226	\$0	\$0	\$1,226
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$90	\$568	\$568	\$1,226	\$0	\$0	\$1,226

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	8.2	61.6	0.0	115.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$8.2	\$61.6	\$0.0	\$115.1
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.4¢	2.6¢	0.0¢	4.8¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$0	\$0	\$90	\$568	\$658
% change	n/a	n/a	new	new	new

LOCATION:

White Plains, Charles County

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Water User	100%	Requested By: PGM
Gleneagles 2MG Water Tower	Water Connection	0%	Project #:
Additional fire storage volume and another tank is needed to equalize pressure in the water distribution system along Rosewick Road. Residents are experiencing low water pressure. This project is for the acquisition of a tower site, design, and construction based on a study performed in 2010.			

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$500	\$0	\$0	\$0	\$0	\$500	\$0	\$0	\$500
Land & ROW	150	0	0	0	0	150	0	0	150
Construction	0	1,667	1,667	1,666	0	5,000	0	0	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	53	63	63	63	0	242	0	0	242
Inspection	0	30	30	30	0	90	0	0	90
Miscellaneous	10	0	0	0	0	10	0	0	10
Contingency	0	90	90	90	0	270	0	0	270
Total Outlay	\$713	\$1,850	\$1,850	\$1,849	\$0	\$6,262	\$0	\$0	\$6,262

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$713	\$1,850	\$1,850	\$1,849	\$0	\$6,262	\$0	\$0	\$6,262
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$713	\$1,850	\$1,850	\$1,849	\$0	\$6,262	\$0	\$0	\$6,262
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$713	\$1,850	\$1,850	\$1,849	\$0	\$6,262	\$0	\$0	\$6,262

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	60.4	222.7	390.9	564.8	0.0	564.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$60.4	\$222.7	\$390.9	\$564.8	\$0.0	\$564.8
Increase to Water User Fee:	0.0¢	2.7¢	9.7¢	16.8¢	23.8¢	0.0¢	23.5¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$713	\$1,850	\$1,850	\$1,849	\$6,262
% change	new	new	new	new	new

LOCATION:

St. Charles, Rosewick Road (proposed location)

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME: Waldorf Fire House Water Tower Replacement	Water User 25% Water Connection 75%	Requested By: PGM Project #:
The existing Waldorf Fire House Water Tower is being proposed for rehabilitation and relocation to Chapel Point. The water system in its current location needs additional fire storage volume and another tank to equalize pressure in the system. This project is for the design and construction based of a new 2MG water tower based on a study performed in 2010.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$500	\$0	\$0	\$0	\$0	\$500	\$0	\$0	\$500
Land & ROW	150	0	0	0	0	150	0	0	150
Construction	0	1,667	1,667	1,666	0	5,000	0	0	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	53	63	63	63	0	242	0	0	242
Inspection	0	30	30	30	0	90	0	0	90
Miscellaneous	10	0	0	0	0	10	0	0	10
Contingency	0	90	90	90	0	270	0	0	270
Total Outlay	\$713	\$1,850	\$1,850	\$1,849	\$0	\$6,262	\$0	\$0	\$6,262

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$713	\$1,850	\$1,850	\$1,849	\$0	\$6,262	\$0	\$0	\$6,262
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$713	\$1,850	\$1,850	\$1,849	\$0	\$6,262	\$0	\$0	\$6,262
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$713	\$1,850	\$1,850	\$1,849	\$0	\$6,262	\$0	\$0	\$6,262

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	60.4	222.7	390.9	564.8	0.0	564.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$60.4	\$222.7	\$390.9	\$564.8	\$0.0	\$564.8
Increase to Water User Fee:	0.0¢	0.7¢	2.4¢	4.2¢	6.0¢	0.0¢	5.9¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$713	\$1,850	\$1,850	\$1,849	\$6,262
% change	new	new	new	new	new

LOCATION:

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME: White Plains 2MG Water Tower	Water User 100% Water Connection 0%	Requested By: PGM Project #:
Development is underway in White Plains. The system needs additional fire storage volume and another tank to equalize pressure in the system. Property needs acquired. This is for the design and Construction based on a study performed in 2010.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$500	\$0	\$0	\$500	\$0	\$0	\$500
Land & ROW	0	0	150	0	0	150	0	0	150
Construction	0	0	0	1,667	1,667	3,334	0	1,666	5,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	53	63	63	179	0	63	242
Inspection	0	0	0	30	30	60	0	30	90
Miscellaneous	0	0	10	0	0	10	0	0	10
Contingency	0	0	0	90	90	180	0	90	270
Total Outlay	\$0	\$0	\$713	\$1,850	\$1,850	\$4,413	\$0	\$1,849	\$6,262

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$0	\$0	\$713	\$1,850	\$1,850	\$4,413	\$0	\$1,849	\$6,262
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$713	\$1,850	\$1,850	\$4,413	\$0	\$1,849	\$6,262
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$713	\$1,850	\$1,850	\$4,413	\$0	\$1,849	\$6,262

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	64.8	238.8	0.0	586.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$64.8	\$238.8	\$0.0	\$586.8
 Increase to Water User Fee:	 0.0¢	 0.0¢	 0.0¢	 2.8¢	 10.1¢	 0.0¢	 24.4¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$0	\$0	\$713	\$1,850	\$2,563
% change	n/a	n/a	new	new	new

LOCATION:

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME: Settle Woods Water Tower Rehabilitation	Water User 100% Water Connection 0%	Requested By: PGM Project #:
The 500K-Gallon Settle Woods Water Tower is in need of rehabilitation to include a preliminary assessment inspection and report, evaluation, recoating, and miscellaneous repairs.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$50	\$0	\$0	\$50	\$0	\$0	\$50
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	250	250	500	0	0	500
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	7	22	22	51	0	0	51
Inspection	0	0	0	12	12	24	0	0	24
Miscellaneous	0	0	10	0	0	10	0	0	10
Contingency	0	0	0	25	25	50	0	0	50
Total Outlay	\$0	\$0	\$67	\$309	\$309	\$685	\$0	\$0	\$685

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$0	\$0	\$67	\$309	\$309	\$685	\$0	\$0	\$685
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$67	\$309	\$309	\$685	\$0	\$0	\$685
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$67	\$309	\$309	\$685	\$0	\$0	\$685

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	6.1	35.2	0.0	64.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$6.1	\$35.2	\$0.0	\$64.2
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.3¢	1.5¢	0.0¢	2.7¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$0	\$0	\$67	\$309	\$376
% change	n/a	n/a	new	new	new

LOCATION:

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: PGM
Influent/Effluent Pump Station	Sewer Connection 45%	Project #: 7063
<p>A thorough evaluation of Mattawoman WWTP Influent/Effluent pump stations, & the Influent Wet Well is necessary to upgrade, overhaul & replace outdated, inadequate, &/or unsafe/inefficient processes. Problems with the main pumping station include hydraulic, control, capacity, & safety. The pumps are aging and obtaining parts has become a serious problem, so it is time to replace them, as well as the isolation and control valves. The location of the wet wells makes access for cleaning extremely difficult, time-consuming, and expensive. This study will present alternatives that will provide better access for cleaning/inspection, for providing code required ventilation, and possibly a self-cleaning configuration. Project will provide recommendations, prepare design documents, and implement the repairs or replacement. Project also includes replacement of barscreen #1. Existing funding is needed for immediate repairs/replacements of existing equipment.</p>		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$175	\$175	\$0	\$0	\$0	\$350	\$919	\$0	\$1,269
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	4,100	4,100	0	0	0	8,200	4,353	0	12,553
Equipment	0	0	0	0	0	0	860	0	860
Administration	225	225	0	0	0	450	192	0	642
Inspection	105	105	0	0	0	210	220	0	430
Miscellaneous	65	65	0	0	0	130	27	0	157
Contingency	520	520	0	0	0	1,040	216	0	1,256
Total Outlay	\$5,190	\$5,190	\$0	\$0	\$0	\$10,380	\$6,787	\$0	\$17,167

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Bonds (30 Year)	\$4,411	\$4,411	\$0	\$0	\$0	\$8,822	\$4,968	\$0	\$13,790	
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0	0
Total County Funding	\$4,411	\$4,411	\$0	\$0	\$0	\$8,822	\$4,968	\$0	\$13,790	
Federal	0	0	0	0	0	0	728	0	728	
State	0	0	0	0	0	0	216	0	216	
Other: WSSC @ 15%	779	779	0	0	0	1,558	875	0	2,433	
Other:	0	0	0	0	0	0	0	0	0	0
Total Funding	\$5,190	\$5,190	\$0	\$0	\$0	\$10,380	\$6,787	\$0	\$17,167	

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	283.8	543.6	819.2	819.2	819.2	283.8	819.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$283.8	\$543.6	\$819.2	\$819.2	\$819.2	\$283.8	\$819.2
Increase to Sewer User Fee:	7.6¢	14.3¢	21.2¢	20.8¢	20.5¢	7.6¢	20.2¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL	Additional improvements were identified and construction costs are expected to be higher than preliminary estimates
Approved FY14-FY18 CIP	\$1,333	\$0	\$0	\$0	\$1,333	
Increase/(Decrease)	\$3,857	\$5,190	\$0	\$0	\$9,047	
% change	289.3%	new	n/a	n/a	678.7%	

LOCATION:

Mattawoman WWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Electrical System Replacement	Sewer Connection 45%	Project #: 7078
Design and construct the replacement needs of the existing electrical system and implement the required upgrades to include but not limited to wiring, control panels, relays, backup power, and other affiliated equipment. The existing electrical system is beyond its life expectancy (over 30 years) and a phased plan needs to be developed to replace this equipment in a programmed manner.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$150	\$275	\$270	\$0	\$0	\$695	\$651	\$0	\$1,346
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	1,050	650	0	0	1,700	550	0	2,250
Equipment	0	575	950	0	0	1,525	0	0	1,525
Administration	15	15	15	0	0	45	45	0	90
Inspection	0	125	120	0	0	245	45	0	290
Miscellaneous	0	0	0	0	0	0	15	0	15
Contingency	0	105	65	0	0	170	17	0	187
Total Outlay	\$165	\$2,145	\$2,070	\$0	\$0	\$4,380	\$1,323	\$0	\$5,703

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$140	\$1,823	\$1,759	\$0	\$0	\$3,722	\$1,125	\$0	\$4,847
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$140	\$1,823	\$1,759	\$0	\$0	\$3,722	\$1,125	\$0	\$4,847
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	25	322	311	0	0	658	198	0	856
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$165	\$2,145	\$2,070	\$0	\$0	\$4,380	\$1,323	\$0	\$5,703

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	93.6	105.4	265.4	425.3	425.3	93.6	425.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$93.6	\$105.4	\$265.4	\$425.3	\$425.3	\$93.6	\$425.3
Increase to Sewer User Fee:	2.5¢	2.8¢	6.9¢	10.8¢	10.6¢	2.5¢	10.5¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$1,918	\$1,879	\$0	\$0	\$3,797
Increase/(Decrease)	(\$1,753)	\$266	\$2,070	\$0	\$583
% change	-91.4%	14.2%	new	n/a	15.4%

LOCATION:

Mattawoman WWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Flow Equalization	Sewer Connection 45%	Project #: 7095
Feasibility, evaluation, and design of flow equalization/storage system at MWWTP to buffer peak flows and prevent sanitary sewer overflows and unauthorized discharges.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$125	\$315	\$375	\$485	\$485	\$1,785	\$475	\$0	\$2,260
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	475	3,125	4,550	6,750	6,750	21,650	0	0	21,650
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	15	15	75	29	0	104
Inspection	48	313	455	675	675	2,166	0	0	2,166
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	48	313	455	675	675	2,165	0	0	2,165
Total Outlay	\$711	\$4,081	\$5,850	\$8,600	\$8,600	\$27,841	\$504	\$0	\$28,345

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$604	\$3,469	\$4,972	\$7,310	\$7,310	\$23,664	\$429	\$0	\$24,093
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$604	\$3,469	\$4,972	\$7,310	\$7,310	\$23,664	\$429	\$0	\$24,093
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	107	612	878	1,290	1,290	4,177	75	0	4,252
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$711	\$4,081	\$5,850	\$8,600	\$8,600	\$27,841	\$504	\$0	\$28,345

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	24.5	60.0	276.8	605.7	1,117.1	24.5	1,628.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$24.5	\$60.0	\$276.8	\$605.7	\$1,117.1	\$24.5	\$1,628.4
Increase to Sewer User Fee:	0.7¢	1.6¢	7.1¢	15.4¢	28.0¢	0.7¢	40.2¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL	Additional improvements have been determined necessary through further evaluation of the system than originally scoped resulting in an overall project increase.
Approved FY14-FY18 CIP	\$2,145	\$2,145	\$0	\$0	\$4,290	
Increase/(Decrease)	(\$1,435)	\$1,936	\$5,850	\$8,600	\$14,951	
% change	-66.9%	90.2%	new	new	348.5%	

LOCATION:
Mattawoman WWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: PGM
Mattawoman Infiltration and Inflow	Sewer Connection 45%	Project #: 7074
<p>Operating experience has shown that during wet weather, influent to the Mattawoman plant can exceed 3.5 times the average flow. This is an excessive ratio for a service area as large as the MSSA, and indicates that significant infiltration and inflow (I/I) exists in the sewer system. High I/I may have detrimental effects causing sanitary sewer overflows (SSOs) where system capacity is not sufficient. SSOs range from backups into basements to overflows from the sewer manholes. In addition to being a public health risk, it is also a regulatory issue. The current regulatory environment is such that all municipalities are being scrutinized and fined for SSOs. All SSOs must be reported and those organizations with high numbers of SSO are subject to regulatory scrutiny. This project will provide information on the condition of the Mattawoman sewer system, identify areas where I/I already exists or a high I/I potential exists, and design/construct repairs for I/I removal. Additional I/I repairs have been determined necessary through further evaluation and investigation of the existing sanitary sewer system than originally scoped resulting in an overall project increase. The repairs proposed will address the sewer basins with the highest I/I severity (Tier 1) resulting in the greatest amount of I/I removal for the lowest cost. This project is estimated to span eight years.</p>		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$400	\$400	\$400	\$600	\$600	\$2,400	\$3,104	\$600	\$6,104
Land & ROW	50	50	50	50	50	250	0	50	300
Construction	1,800	2,300	2,300	2,400	2,400	11,200	4,775	2,400	18,375
Equipment	0	0	0	0	0	0	0	0	0
Administration	113	138	138	153	153	695	236	153	1,084
Inspection	54	69	69	72	72	336	288	72	696
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$2,417	\$2,957	\$2,957	\$3,275	\$3,275	\$14,881	\$8,403	\$3,275	\$26,559

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019				
Bonds (30 Year)	\$1,507	\$1,844	\$1,844	\$2,042	\$2,042	\$9,279	\$5,834	\$2,042	\$17,155
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$1,507	\$1,844	\$1,844	\$2,042	\$2,042	\$9,279	\$5,834	\$2,042	\$17,155
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 37.65%	910	1,113	1,113	1,233	1,233	5,602	2,569	1,233	9,404
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$2,417	\$2,957	\$2,957	\$3,275	\$3,275	\$14,881	\$8,403	\$3,275	\$26,559

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	333.3	422.0	537.3	659.3	802.1	333.3	1,087.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$333.3	\$422.0	\$537.3	\$659.3	\$802.1	\$333.3	\$1,087.8
Increase to Sewer User Fee:	8.9¢	11.1¢	13.9¢	16.8¢	20.1¢	8.9¢	26.8¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$2,367	\$2,907	\$2,907	\$3,225	\$11,406
Increase/(Decrease)	\$50	\$50	\$50	\$50	\$200
% change	2.1%	1.7%	1.7%	1.6%	1.8%

LOCATION:

Mattawoman Sewer Service Area

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
Mattawoman WWTP Automation	Sewer Connection 45%	Project #: 7083
Automation of the Mattawoman WWTP facility to improve the efficiency of operations and maintenance, thereby minimizing resources and resulting in cost avoidance. Design standards will be determined for the project and implemented on the remaining processes to monitor the system via plant SCADA system and ensure system stays in compliance.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$75	\$325	\$325	\$0	\$0	\$725	\$650	\$0	\$1,375
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	650	650	0	0	1,300	975	0	2,275
Equipment	0	0	0	0	0	0	1,214	0	1,214
Administration	25	25	25	0	0	75	50	0	125
Inspection	0	65	65	0	0	130	85	0	215
Miscellaneous	0	0	0	0	0	0	1	0	1
Contingency	0	65	65	0	0	130	46	0	176
Total Outlay	\$100	\$1,130	\$1,130	\$0	\$0	\$2,360	\$3,021	\$0	\$5,381

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$85	\$960	\$960	\$0	\$0	\$2,005	\$2,568	\$0	\$4,573
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$85	\$960	\$960	\$0	\$0	\$2,005	\$2,568	\$0	\$4,573
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	15	170	170	0	0	355	453	0	808
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$100	\$1,130	\$1,130	\$0	\$0	\$2,360	\$3,021	\$0	\$5,381

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	213.6	220.8	305.0	392.3	392.3	213.6	392.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$213.6	\$220.8	\$305.0	\$392.3	\$392.3	\$213.6	\$392.3
Increase to Sewer User Fee:	5.7¢	5.8¢	7.9¢	10.0¢	9.8¢	5.7¢	9.7¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL	Construction costs are expected to be higher than preliminary estimates.
Approved FY14-FY18 CIP	\$965	\$965	\$0	\$0	\$1,930	
Increase/(Decrease)	(\$865)	\$165	\$1,130	\$0	\$430	
% change	-89.6%	17.1%	new	n/a	22.3%	

LOCATION:
Mattawoman WWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: DPW
Pump Station Rehabs and Replacements	Sewer Connection 0%	Project #: 7097
Rehabilitation at various wastewater pumping facilities to update to current standards and replace aged equipment/infrastructure that include, but are not limited to the following: Strawberry Hills P.S., Theodore Green Blvd. P.S., Checkers P.S., Thomas Stone P.S., Indian Head Manor P.S., Ryon Woods P.S., Rt. 925B P.S., St. Charles P.S. #5A, Pinefield P.S. Forcemain, Bar Harbor PS, Bachelors Hope PS, Cuckolds Creek PS, Wisteria PS, Bath House PS, and a barscreen at PS3B.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$815	\$575	\$575	\$215	\$215	\$2,395	\$100	\$215	\$2,710
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,425	2,250	2,100	1,100	1,100	7,975	437	1,100	9,512
Equipment	0	0	0	0	0	0	0	0	0
Administration	35	35	35	35	35	175	11	35	221
Inspection	143	225	210	110	110	798	84	110	992
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	143	225	210	110	110	798	0	110	908
Total Outlay	\$2,561	\$3,310	\$3,130	\$1,570	\$1,570	\$12,141	\$632	\$1,570	\$14,342

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019				
Bonds (15 Year)	\$2,561	\$3,310	\$3,130	\$1,570	\$1,570	\$12,141	\$632	\$1,570	\$14,342
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$2,561	\$3,310	\$3,130	\$1,570	\$1,570	\$12,141	\$632	\$1,570	\$14,342
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$2,561	\$3,310	\$3,130	\$1,570	\$1,570	\$12,141	\$632	\$1,570	\$14,342

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	52.5	269.3	559.8	844.3	992.0	52.5	1,287.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$52.5	\$269.3	\$559.8	\$844.3	\$992.0	\$52.5	\$1,287.4
Increase to Sewer User Fee:	2.5¢	12.8¢	26.3¢	39.0¢	45.2¢	2.5¢	57.7¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL	Construction costs are expected to be higher than preliminary estimates.
Approved FY14-FY18 CIP	\$748	\$931	\$2,191	\$2,533	\$6,403	
Increase/(Decrease)	\$1,813	\$2,379	\$939	(\$963)	\$4,168	
% change	242.3%	255.5%	42.9%	-38.0%	65.1%	

LOCATION:
Various pumping stations countywide

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: DPW
Satellite Wastewater Facility Upgrades	Sewer Connection 0%	Project #: 7098
<p>To provide necessary upgrades to various satellite pumping stations and treatment plant facilities that include, but are not limited to the following: Replacement of generator and automatic transfer switch at Cobb Island Pumping Station to maintain power distribution reliability. Install asphalt access drives that will replace failing gravel drives at Strawberry Hills P.S., Clifton Pumping Station #2, Clifton Pumping Station #4, and Mt. Carmel WWTP. Relocate chemical feed system at Swan Point Vacuum Pumping Station into building to be constructed. Construct regional storage facility at Swan Point WWTP. Construct Chemical Building at Swan Point WWTP. Construct building at Bel Alton WWTP that will aid in maintaining process temperatures for improved system performance. Structural improvements at Clifton WWTP and Mt. Carmel WWTP. Sprayfield improvements at Breeze Farm and Cuckolds Creek facilities.</p>		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$275	\$175	\$175	\$175	\$175	\$975	\$155	\$175	\$1,305
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	375	375	375	375	1,500	785	375	2,660
Equipment	0	0	0	0	0	0	0	0	0
Administration	25	25	25	25	25	125	28	25	178
Inspection	38	38	38	38	38	190	95	38	323
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	38	38	38	38	150	0	38	188
Total Outlay	\$338	\$651	\$651	\$651	\$651	\$2,940	\$1,063	\$651	\$4,654

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Bonds (15 Year)	\$338	\$651	\$651	\$651	\$651	\$2,940	\$1,063	\$651	\$4,654	
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0	0
Total County Funding	\$338	\$651	\$651	\$651	\$651	\$2,940	\$1,063	\$651	\$4,654	
Federal	0	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0	0
Total Funding	\$338	\$651	\$651	\$651	\$651	\$2,940	\$1,063	\$651	\$4,654	

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	88.4	117.0	174.1	233.2	294.4	88.4	416.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$88.4	\$117.0	\$174.1	\$233.2	\$294.4	\$88.4	\$416.8
Increase to Sewer User Fee:	4.3¢	5.6¢	8.2¢	10.8¢	13.4¢	4.3¢	18.7¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$498	\$498	\$498	\$498	\$1,992
Increase/(Decrease)	(\$160)	\$153	\$153	\$153	\$298
% change	-32.1%	30.6%	30.6%	30.6%	14.9%

LOCATION:
Various Sites-see description

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Clarifier and Thickener Repairs	Sewer Connection 45%	Project #: 7093
Gravity Thickeners #1 & #2, Secondary Clarifiers #5 & #6, and Final Clarifiers #1 through #4 are aged and in need of rehabilitation. Work includes mechanical, electrical, and structural repairs/replacements.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$425	\$150	\$150	\$150	\$150	\$1,025	\$100	\$150	\$1,275
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	525	675	675	675	675	3,225	970	675	4,870
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	15	15	75	33	15	123
Inspection	53	68	68	68	68	325	50	68	443
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	53	68	68	68	68	323	0	68	390
Total Outlay	\$1,071	\$976	\$976	\$976	\$976	\$4,973	\$1,153	\$976	\$7,101

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$910	\$830	\$830	\$830	\$830	\$4,228	\$980	\$830	\$6,037
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$910	\$830	\$830	\$830	\$830	\$4,228	\$980	\$830	\$6,037
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	161	146	146	146	146	745	173	146	1,064
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$1,071	\$976	\$976	\$976	\$976	\$4,973	\$1,153	\$976	\$7,101

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	56.0	109.5	161.4	216.3	274.3	56.0	390.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$56.0	\$109.5	\$161.4	\$216.3	\$274.3	\$56.0	\$390.3
Increase to Sewer User Fee:	1.5¢	2.9¢	4.2¢	5.5¢	6.9¢	1.5¢	9.6¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$610	\$610	\$0	\$0	\$1,220
Increase/(Decrease)	\$461	\$366	\$976	\$976	\$2,777
% change	75.5%	59.9%	new	new	227.6%

Additional improvements have been determined necessary through further evaluation of the system than originally scoped resulting in an overall project increase.

LOCATION:

Mattawoman WWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 50%	Requested By: DPW
Cobb Island/Swan Point Interconnection	Sewer Connection 50%	Project #: 7100
To provide operational flexibility in diverting flows between the Cobb Island and Swan Point treatment systems. This project will also provide sewer system improvements that will address failing skeptics' within the service area.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$275	\$275	\$275	\$150	\$700
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	145	2,000	2,145
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	15	15	11	165	191
Inspection	0	0	0	0	0	0	22	150	172
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$0	\$0	\$0	\$290	\$290	\$453	\$2,465	\$3,208

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$0	\$0	\$0	\$0	\$290	\$290	\$453	\$2,465	\$3,208
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$0	\$290	\$290	\$453	\$2,465	\$3,208
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$0	\$0	\$290	\$290	\$453	\$2,465	\$3,208

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	25.9	25.9	25.9	25.9	25.9	25.9	218.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$25.9	\$25.9	\$25.9	\$25.9	\$25.9	\$25.9	\$218.6
Increase to Sewer User Fee:	0.6¢	0.6¢	0.6¢	0.6¢	0.6¢	0.6¢	4.9¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$1,463	\$0	\$0	\$0	\$1,463
Increase/(Decrease)	(\$1,463)	\$0	\$0	\$0	(\$1,463)
% change	-100.0%	n/a	n/a	n/a	-100.0%

LOCATION:
Cobb Island, MD

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Utility Water System	Sewer Connection 45%	Project #: 7101
Evaluation & Improvement		
<p>The plant utility water system has not always been satisfactory in supporting all of the demands for Non-Potable Water (NPW) at the MWWTP. Sludge production and other needs for NPW have increased over the years. Low NPW pressures have been experienced throughout the plant and the sludge dewatering process has been negatively affected as a result. Evaluation of the plant utility water system is needed to determine what improvements are necessary in order to satisfy the plant NPW demands. The effect of the UV upgrade was to cut the system from a 4 pump system to a 2 pump system, and it has become a common occurrence to have to defer wash-downs in other areas of the plant in order to operate the belt filter presses or vice versa.</p>		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$115	\$175	\$0	\$0	\$0	\$290	\$55	\$0	\$345
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	375	0	0	0	375	0	0	375
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	0	0	0	30	6	0	36
Inspection	0	38	0	0	0	38	0	0	38
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	38	0	0	0	38	0	0	38
Total Outlay	\$130	\$641	\$0	\$0	\$0	\$771	\$61	\$0	\$832

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$110	\$545	\$0	\$0	\$0	\$655	\$52	\$0	\$707
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$110	\$545	\$0	\$0	\$0	\$655	\$52	\$0	\$707
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	20	96	0	0	0	116	9	0	125
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$130	\$641	\$0	\$0	\$0	\$771	\$61	\$0	\$832

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	3.0	9.4	43.5	43.5	43.5	3.0	43.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$3.0	\$9.4	\$43.5	\$43.5	\$43.5	\$3.0	\$43.5
Increase to Sewer User Fee:	0.1¢	0.2¢	1.1¢	1.1¢	1.1¢	0.1¢	1.1¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$447	\$0	\$0	\$0	\$447
Increase/(Decrease)	(\$317)	\$641	\$0	\$0	\$324
% change	-70.9%	new	n/a	n/a	72.4%

Construction costs are expected to be higher than preliminary estimates.

LOCATION:
Mattawoman WWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: PGM
Sewer Model Update	Sewer Connection 45%	Project #: 7091
Update the current County Sewer Model by including newly installed sewer lines and verifying system stability and identify deficiencies.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$30	\$30	\$30	\$30	\$30	\$150	\$30	\$30	\$210
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	46	47	47	47	47	234	5	47	286
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	4	4	4	4	4	20	4	4	28
Total Outlay	\$80	\$81	\$81	\$81	\$81	\$404	\$39	\$81	\$524

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019				
Bonds (30 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	80	81	81	81	81	404	39	81	524
Total County Funding	\$80	\$81	\$81	\$81	\$81	\$404	\$39	\$81	\$524
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$80	\$81	\$81	\$81	\$81	\$404	\$39	\$81	\$524

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Sewer User Fee:	2.1¢	2.1¢	2.1¢	2.1¢	2.0¢	1.0¢	0.0¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$39	\$39	\$39	\$39	\$156
Increase/(Decrease)	\$41	\$42	\$42	\$42	\$167
% change	105.1%	107.7%	107.7%	107.7%	107.1%

LOCATION:
County-wide

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: DPW
Cliffton Pump Station #4	Sewer Connection 0%	Project #: 7102
<p>Cliffton PS #4 was constructed in the early 1970's and is in need of equipment overhaul and replacement. All pumps, associated pipes, valves, controls, and MCC's will be replaced, and electrical and ventilation issues addressed. Influent flow diversion will be required; a pump-around connection will be installed. The need for a generator will be evaluated. The wet well will be evaluated and may need repair/refurbishment. Submersible pumps will be installed in the wet well and a building constructed above ground for the valves and controls.</p>		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$75	\$175	\$0	\$0	\$0	\$250	\$85	\$0	\$335
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	125	425	0	0	0	550	0	0	550
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	0	0	0	30	6	0	36
Inspection	13	43	0	0	0	56	0	0	56
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	13	43	0	0	0	55	0	0	55
Total Outlay	\$241	\$701	\$0	\$0	\$0	\$941	\$91	\$0	\$1,032

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$241	\$701	\$0	\$0	\$0	\$941	\$91	\$0	\$1,032
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$241	\$701	\$0	\$0	\$0	\$941	\$91	\$0	\$1,032
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$241	\$701	\$0	\$0	\$0	\$941	\$91	\$0	\$1,032

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	7.6	27.9	89.4	89.4	89.4	7.6	89.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$7.6	\$27.9	\$89.4	\$89.4	\$89.4	\$7.6	\$89.4
Increase to Sewer User Fee:	0.4¢	1.3¢	4.2¢	4.1¢	4.1¢	0.4¢	4.0¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$605	\$0	\$0	\$0	\$605
Increase/(Decrease)	(\$365)	\$701	\$0	\$0	\$336
% change	-60.2%	new	n/a	n/a	55.5%

Construction costs are expected to be higher than preliminary estimates.

LOCATION:
Cliffton Pump Station

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	0%	Requested By: PGM
Mattawoman WWTP Berm Relocation	Sewer Connection	100%	Project #: 7094
Design and relocation of the existing WWTP perimeter berm to the edge of the property to facilitate future expansion. This will include MDE permitting and wetland mitigation.			

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$309	\$0	\$309
Land & ROW	10	330	320	0	0	660	206	0	866
Construction	0	0	313	550	0	863	0	550	1,413
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	18	18	0	36	12	18	66
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	17	17	0	34	31	17	82
Contingency	0	0	24	55	0	79	31	55	165
Total Outlay	\$10	\$330	\$692	\$640	\$0	\$1,672	\$589	\$640	\$2,901

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019				
Bonds (30 Year)	\$10	\$330	\$692	\$640	\$0	\$1,672	\$589	\$640	\$2,901
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$10	\$330	\$692	\$640	\$0	\$1,672	\$589	\$640	\$2,901
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$10	\$330	\$692	\$640	\$0	\$1,672	\$589	\$640	\$2,901

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	33.6	34.2	54.9	100.6	145.4	33.6	190.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$33.6	\$34.2	\$54.9	\$100.6	\$145.4	\$33.6	\$190.2
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$372	\$640	\$1,012
Increase/(Decrease)	\$10	\$330	\$320	\$0	\$660
% change	new	new	86.0%	0.0%	65.2%

Construction and Land & ROW costs are expected to be higher than preliminary estimates.

LOCATION:
Mattawoman WWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	0%	Requested By: PGM
Hughesville Package Treatment Plant	Sewer Connection	100%	Project #: 7088
Design, construction, and land acquisition for a central sewer collection and treatment system to serve the village of Hughesville consistent with the Hughesville Village Revitalization Plan completed in 2008. The Hughesville Water and Sewer Feasibility Study was completed in December 2010.			

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$200
Land & ROW	0	0	0	0	0	0	450	0	450
Construction	750	0	0	0	0	750	750	0	1,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	38	0	0	0	0	38	53	0	91
Inspection	23	0	0	0	0	23	23	0	46
Miscellaneous	8	0	0	0	0	8	38	0	46
Contingency	75	0	0	0	0	75	75	0	150
Total Outlay	\$894	\$0	\$0	\$0	\$0	\$894	\$1,589	\$0	\$2,483

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$894	\$0	\$0	\$0	\$0	\$894	\$1,589	\$0	\$2,483
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$894	\$0	\$0	\$0	\$0	\$894	\$1,589	\$0	\$2,483
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$894	\$0	\$0	\$0	\$0	\$894	\$1,589	\$0	\$2,483

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	68.7
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$68.7
Debt Service: Bonds	90.8	143.4	143.4	143.4	143.4	90.8	143.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$90.8	\$143.4	\$143.4	\$143.4	\$143.4	\$90.8	\$212.1
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	3.1¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$894	\$0	\$0	\$0	\$894
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	n/a	n/a	n/a	0.0%

LOCATION:
Hughesville, MD

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: PGM
Marshall Hall Road Gravity Sewer	Sewer Connection 0%	Project #: 7105
Design and construct approximately 1,700 l.f. of ductile iron gravity sewer to replace an existing 15" asbestos cement gravity sewer along Marshall Hall Road from Cannon Park Rd. to 700' north of Mathews Road. The existing sewer has deteriorated due to hydrogen sulfide gases.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$0	\$100
Land & ROW	0	0	0	0	0	0	15	0	15
Construction	650	750	0	0	0	1,400	0	0	1,400
Equipment	0	0	0	0	0	0	0	0	0
Administration	36	41	0	0	0	77	9	0	86
Inspection	20	23	0	0	0	43	0	0	43
Miscellaneous	7	8	0	0	0	15	1	0	16
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$713	\$822	\$0	\$0	\$0	\$1,535	\$125	\$0	\$1,660

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$713	\$822	\$0	\$0	\$0	\$1,535	\$125	\$0	\$1,660
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$713	\$822	\$0	\$0	\$0	\$1,535	\$125	\$0	\$1,660
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$713	\$822	\$0	\$0	\$0	\$1,535	\$125	\$0	\$1,660

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	10.4	70.8	142.9	142.9	142.9	10.4	142.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$10.4	\$70.8	\$142.9	\$142.9	\$142.9	\$10.4	\$142.9
Increase to Sewer User Fee:	0.5¢	3.4¢	6.7¢	6.6¢	6.5¢	0.5¢	6.4¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$713	\$822	\$0	\$0	\$1,535
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	0.0%	n/a	n/a	0.0%

LOCATION:

ADC MAP 8 (A1) to Map 2 (A12)

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	100%	Requested By:	PGM
Piney Branch Sewer Replacement (Upper Reaches)	Sewer Connection	0%	Project #:	7104
Design and construction of new gravity sewer to replace approximately 2,500 l.f. of existing 36" gravity from outfall of the existing force main at JP Morgan Court to US301. The existing sewer is deteriorated due to hydrogen sulfide gases.				

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	70	0	0	0	0	70	20	0	90
Construction	500	400	0	0	0	900	100	0	1,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	29	23	0	0	0	52	9	0	61
Inspection	16	12	0	0	0	28	0	0	28
Miscellaneous	5	4	0	0	0	9	2	0	11
Contingency	50	40	0	0	0	90	10	0	100
Total Outlay	\$670	\$479	\$0	\$0	\$0	\$1,149	\$141	\$0	\$1,290

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$670	\$479	\$0	\$0	\$0	\$1,149	\$141	\$0	\$1,290
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$670	\$479	\$0	\$0	\$0	\$1,149	\$141	\$0	\$1,290
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$670	\$479	\$0	\$0	\$0	\$1,149	\$141	\$0	\$1,290

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	11.7	68.5	110.5	110.5	110.5	11.7	110.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$11.7	\$68.5	\$110.5	\$110.5	\$110.5	\$11.7	\$110.5
Increase to Sewer User Fee:	0.6¢	3.3¢	5.2¢	5.1¢	5.0¢	0.6¢	5.0¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$620	\$479	\$0	\$0	\$1,099
Increase/(Decrease)	\$50	\$0	\$0	\$0	\$50
% change	8.1%	0.0%	n/a	n/a	4.5%

LOCATION:
ADC MAP 10(E4-D3)

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	75%	Requested By: PGM
Cobb Island Sewer Capacity & Feasibility Study	Sewer Connection	25%	Project #:
Perform a study to analyze the capacity of the existing system and determine the feasibility of incorporating additional areas currently being served by septic systems.			

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$150	\$0	\$0	\$0	\$0	\$150	\$0	\$0	\$150
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	12	0	0	0	0	12	0	0	12
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	2	0	0	0	0	2	0	0	2
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$164	\$0	\$0	\$0	\$0	\$164	\$0	\$0	\$164

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019				
Bonds (30 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	164	0	0	0	0	164	0	0	164
Total County Funding	\$164	\$0	\$0	\$0	\$0	\$164	\$0	\$0	\$164
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$164	\$0	\$0	\$0	\$0	\$164	\$0	\$0	\$164

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

Increase to Sewer User Fee: **6.0¢** **0.0¢** **0.0¢** **0.0¢** **0.0¢**

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$164	\$0	\$0	\$0	\$164
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	n/a	n/a	n/a	0.0%

LOCATION:
Cobb Island: ADC MAP 38(E2-H10)

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	50%	Requested By: PGM
MD. Route 5 Pump Station Forcemain	Sewer Connection	50%	Project #: 7106
Design and construct approximately 4,000 l.f. of 10" force main to convert flows from the MD Route 5 Pump Station to the St. Marks Pump Station. When completed, this forcemain will relieve capacity in the Zekiah Pump Station.			

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$75
Land & ROW	60	0	0	0	0	60	0	0	60
Construction	450	300	0	0	0	750	0	0	750
Equipment	0	0	0	0	0	0	0	0	0
Administration	26	18	0	0	0	44	7	0	51
Inspection	14	9	0	0	0	23	0	0	23
Miscellaneous	5	3	0	0	0	8	1	0	9
Contingency	45	30	0	0	0	75	0	0	75
Total Outlay	\$600	\$360	\$0	\$0	\$0	\$960	\$83	\$0	\$1,043

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$600	\$360	\$0	\$0	\$0	\$960	\$83	\$0	\$1,043
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$600	\$360	\$0	\$0	\$0	\$960	\$83	\$0	\$1,043
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$600	\$360	\$0	\$0	\$0	\$960	\$83	\$0	\$1,043

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	4.7	40.1	62.6	62.6	62.6	4.7	62.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$4.7	\$40.1	\$62.6	\$62.6	\$62.6	\$4.7	\$62.6
Increase to Sewer User Fee:	0.1¢	1.0¢	1.5¢	1.4¢	1.4¢	0.1¢	1.4¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$540	\$360	\$0	\$0	\$900
Increase/(Decrease)	\$60	\$0	\$0	\$0	\$60
% change	11.1%	0.0%	n/a	n/a	6.7%

LOCATION:
ADC MAP 10(K4-H5)

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	23%	Requested By:	PGM
WURC: Zekiah Pump Station Upgrade	Sewer Connection	77%	Project #:	7107
Design and construct to expand the capacity of the Zekiah Pumping Station from approximately 3.0 MGD to 10.5 MGD. The developer of Adams Crossing previously expanded the Zekiah Pump Station from 1 MGD to approximately 3.0 MGD. To accomplish this expansion, the existing pump station will be fully replaced. This project is part of the Waldorf Urban Redevelopment Corridor (WURC) initiative.				

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$0	\$200
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	500	500	500	0	1,500	0	500	2,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	28	28	28	0	84	13	28	125
Inspection	0	15	15	15	0	45	6	15	66
Miscellaneous	0	5	5	5	0	15	2	5	22
Contingency	0	50	50	50	0	150	0	50	200
Total Outlay	\$0	\$598	\$598	\$598	\$0	\$1,794	\$221	\$598	\$2,613

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$0	\$598	\$598	\$598	\$0	\$1,794	\$221	\$598	\$2,613
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$598	\$598	\$598	\$0	\$1,794	\$221	\$598	\$2,613
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$598	\$598	\$598	\$0	\$1,794	\$221	\$598	\$2,613

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	12.6	12.6	50.0	89.6	131.4	12.6	173.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$12.6	\$12.6	\$50.0	\$89.6	\$131.4	\$12.6	\$173.2
Increase to Sewer User Fee:	0.1¢	0.1¢	0.5¢	1.0¢	1.4¢	0.1¢	1.8¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$598	\$598	\$598	\$1,794
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	n/a	0.0%	0.0%	0.0%	0.0%

LOCATION:
ADC MAP 10(H2)

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 50%	Requested By: PGM
WURC: Zekiah Pump Station Forcemain	Sewer Connection 50%	Project #: 7108
Design and construct approximately 7,000 l.f. of 18" force main from Zekiah Pump Station. This project is necessary to accommodate the increased flows generated when the Zekiah Pump Station is upgraded to 10.5 MGD. The new forcemain will run from the existing Zekiah Pump Station along Acton Lane to the intersection of Acton Lane and U.S. Route 301. This project is part of the Waldorf Urban Redevelopment Corridor (WURC) initiative.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$110
Land & ROW	0	100	0	0	0	100	100	0	200
Construction	0	500	500	1,000	0	2,000	0	500	2,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	33	28	53	0	114	14	28	156
Inspection	0	18	15	30	0	63	6	13	82
Miscellaneous	0	5	5	10	0	20	2	5	27
Contingency	0	50	50	50	0	150	0	50	200
Total Outlay	\$0	\$706	\$598	\$1,143	\$0	\$2,447	\$232	\$596	\$3,275

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$0	\$706	\$598	\$1,143	\$0	\$2,447	\$232	\$596	\$3,275
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$706	\$598	\$1,143	\$0	\$2,447	\$232	\$596	\$3,275
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$706	\$598	\$1,143	\$0	\$2,447	\$232	\$596	\$3,275

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	13.3	13.3	57.4	96.9	176.9	13.3	218.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$13.3	\$13.3	\$57.4	\$96.9	\$176.9	\$13.3	\$218.6
Increase to Sewer User Fee:	0.3¢	0.3¢	1.3¢	2.2¢	4.0¢	0.3¢	4.9¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$706	\$598	\$1,143	\$2,447
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	n/a	0.0%	0.0%	0.0%	0.0%

LOCATION:
ADC MAP 10(H2)

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	50%	Requested By:	PGM
WURC: Zekiah Interceptor Sewer Upgrades	Sewer Connection	50%	Project #:	7109
Design and construct approximately 6,500 l.f. of 36" Gravity sewer to provide additional capacity in the sewer system to serve the future development of the Zekiah service area as part of the Waldorf Urban Redevelopment Corridor (WURC) initiative.				

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$360	\$0	\$360
Land & ROW	0	20	20	20	20	80	20	0	100
Construction	0	650	650	650	650	2,600	0	0	2,600
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	37	37	37	37	148	22	0	170
Inspection	0	20	20	20	20	80	11	0	91
Miscellaneous	0	7	7	7	7	28	4	0	32
Contingency	0	65	65	65	65	260	0	0	260
Total Outlay	\$0	\$799	\$799	\$799	\$799	\$3,196	\$417	\$0	\$3,613

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '14-'18	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$0	\$799	\$799	\$799	\$799	\$3,196	\$417	\$0	\$3,613
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$799	\$799	\$799	\$799	\$3,196	\$417	\$0	\$3,613
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$799	\$799	\$799	\$799	\$3,196	\$417	\$0	\$3,613

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	23.8	23.8	73.7	126.6	182.5	23.8	238.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$23.8	\$23.8	\$73.7	\$126.6	\$182.5	\$23.8	\$238.4
Increase to Sewer User Fee:	0.6¢	0.6¢	1.7¢	2.9¢	4.2¢	0.6¢	5.3¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY13-FY17 CIP	\$0	\$799	\$799	\$799	\$2,397
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	n/a	0.0%	0.0%	0.0%	0.0%

LOCATION:
ADC MAP 4(D10 to G12)

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	100%	Requested By:	DPW
Cliffton WWTP Improvements	Sewer Connection	0%	Project #:	
Cliffton WWTP was constructed in the 1970's and is in need of equipment overhaul and replacement to improve treatment reliability and operability. Project includes complete evaluation of treatment plant and implementation of recommended improvements.				

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$225	\$275	\$325	\$0	\$825	\$0	\$0	\$825
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	575	1,675	0	2,250	0	0	2,250
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	15	15	15	0	45	0	0	45
Inspection	0	0	58	168	0	226	0	0	226
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	58	168	0	225	0	0	225
Total Outlay	\$0	\$240	\$981	\$2,351	\$0	\$3,571	\$0	\$0	\$3,571

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (15 Year)	\$0	\$240	\$981	\$2,351	\$0	\$3,571	\$0	\$0	\$3,571
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$240	\$981	\$2,351	\$0	\$3,571	\$0	\$0	\$3,571
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$240	\$981	\$2,351	\$0	\$3,571	\$0	\$0	\$3,571

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	21.1	110.2	331.3	331.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$21.1	\$110.2	\$331.3	\$331.3
Increase to Sewer User Fee:	0.0¢	0.0¢	1.0¢	5.1¢	15.1¢	14.9¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL	Construction costs are expected to be higher than preliminary estimates.
Approved FY14-FY18 CIP	\$0	\$0	\$621	\$1,105	\$1,726	
Increase/(Decrease)	\$0	\$240	\$360	\$1,246	\$1,845	
% change	n/a	new	57.9%	112.7%	106.9%	

LOCATION:
Cliffton, MD

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	55%	Requested By:	PGM
Bryans Road Interceptor Sewer I&I Rehabilitation	Sewer Connection	45%	Project #:	
As part of the I&I Study, the Bryans Road Interceptor sewer was identified as a large source of inflow and infiltration (I&I) to the Mattawoman Interceptor sewer. This project will design and construct repairs to areas of the Bryans Road Interceptor contributing to I&I.				

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$395	\$0	\$0	\$0	\$0	\$395	\$0	\$0	\$395
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	1,316	1,317	1,317	0	3,950	0	0	3,950
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	65	65	65	0	195	0	0	195
Inspection	0	33	33	33	0	99	0	0	99
Miscellaneous	5	13	13	13	0	44	0	0	44
Contingency	0	135	132	132	0	399	0	0	399
Total Outlay	\$400	\$1,562	\$1,560	\$1,560	\$0	\$5,082	\$0	\$0	\$5,082

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$400	\$1,562	\$1,560	\$1,560	\$0	\$5,082	\$0	\$0	\$5,082
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$400	\$1,562	\$1,560	\$1,560	\$0	\$5,082	\$0	\$0	\$5,082
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$400	\$1,562	\$1,560	\$1,560	\$0	\$5,082	\$0	\$0	\$5,082

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	23.6	121.1	224.4	333.5	0.0	333.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$23.6	\$121.1	\$224.4	\$333.5	\$0.0	\$333.5
Increase to Sewer User Fee:	0.0¢	0.6¢	3.1¢	5.7¢	8.4¢	0.0¢	8.2¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$400	\$1,562	\$1,560	\$1,560	\$5,082
% change	new	new	new	new	new

LOCATION:

Bryans Road

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 75%	Requested By: PGM
Mt. Carmel Woods/College of Southern Maryland (CSM) Pump Stations & Force mains	Sewer Connection 25%	Project #: 7058
Phase 3		
In order to provide sewer to meet the schedule for the proposed National Guard Amory site, the Mt. Carmel/CSM Pump Station and Force main project will be constructed in two phases. As a result of this phasing, design parameters were changed resulting in an increase in construction costs.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$236	\$0	\$236
Land & ROW	20	0	0	0	0	20	21	0	41
Construction	0	1,700	1,700	0	0	3,400	5,887	0	9,287
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	50	50	0	0	100	170	0	270
Inspection	0	0	0	0	0	0	414	0	414
Miscellaneous	5	0	0	0	0	5	62	0	67
Contingency	0	150	150	0	0	300	551	0	851
Total Outlay	\$25	\$1,900	\$1,900	\$0	\$0	\$3,825	\$7,341	\$0	\$11,166

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$25	\$1,900	\$1,900	\$0	\$0	\$3,825	\$6,763	\$0	\$10,588
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	32	0	32
Total County Funding	\$25	\$1,900	\$1,900	\$0	\$0	\$3,825	\$6,795	\$0	\$10,620
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	546	0	546
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$25	\$1,900	\$1,900	\$0	\$0	\$3,825	\$7,341	\$0	\$11,166

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	386.4	387.8	506.5	632.3	632.3	386.4	632.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$386.4	\$387.8	\$506.5	\$632.3	\$632.3	\$386.4	\$632.3
Increase to Sewer User Fee:	14.0¢	13.9¢	17.8¢	21.9¢	21.6¢	15.2¢	21.3¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$25	\$1,900	\$1,900	\$0	\$3,825
% change	new	new	new	n/a	new

LOCATION:
Mt. Carmel Woods/College of Southern Maryland (CSM)

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	55%	Requested By: PGM
WURC: Old Washington Road Sewer	Sewer Connection	45%	Project #:
<p>As part of the Waldorf Urban Redevelopment Study, recommendations were made to replace sewer lines to provide for future development in the Waldorf Urban Redevelopment Corridor. The existing sewer system has aged and is unreliable to facilitate the proposed growth. This project will design and construct approx. 5,800 l.f. of new sewer line from along Old Washington Road from Md. Route 5 to Acton Lane based on a study performed in 2013.</p>			

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$87	\$0	\$0	\$0	\$0	\$87	\$0	\$0	\$87
Land & ROW	100	0	0	0	0	100	0	0	100
Construction	0	870	0	0	0	870	0	0	870
Equipment	0	0	0	0	0	0	0	0	0
Administration	11	44	0	0	0	55	0	0	55
Inspection	0	22	0	0	0	22	0	0	22
Miscellaneous	5	10	0	0	0	15	0	0	15
Contingency	0	87	0	0	0	87	0	0	87
Total Outlay	\$203	\$1,033	\$0	\$0	\$0	\$1,236	\$0	\$0	\$1,236

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$203	\$1,033	\$0	\$0	\$0	\$1,236	\$0	\$0	\$1,236
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$203	\$1,033	\$0	\$0	\$0	\$1,236	\$0	\$0	\$1,236
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$203	\$1,033	\$0	\$0	\$0	\$1,236	\$0	\$0	\$1,236

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	12.0	76.5	76.5	76.5	0.0	76.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$12.0	\$76.5	\$76.5	\$76.5	\$0.0	\$76.5
Increase to Sewer User Fee:	0.0¢	0.3¢	2.0¢	1.9¢	1.9¢	0.0¢	1.9¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$203	\$1,033	\$0	\$0	\$1,236
% change	new	new	n/a	n/a	new

LOCATION:

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User	0%	Requested By: PGM
Pump Station 3B	Sewer Connection	100%	Project #: 7051
<p>Section 6a and 6b of the revised Docket 90 Agreement dated June, 2002 requires that the County share in the cost to design and construct Pump Station 3 and associated sewers based on flows from existing pump stations 2A, 3, and 5. A subsequent agreement (via letter dated 12/15/11) was reached between the County and St. Charles Companies (formerly ACPT) rendering the County responsible for paying 21.07% of PS 3B's estimated costs of \$8.75M; 80.47% of a gravity sewer from PS 2A to PS 3B estimated at \$975K; and 51.99% of a force main sewer from PS 3B to St. Pauls Dr. estimated at \$1.14M. The original budget established for this project did not account for the gravity and force main sewers. Additional funds are being requested to account for the design, construction, and administration of the unanticipated sewer projects. All design and construction work will be performed by St. Charles Companies with reimbursements from the County for its proportionate share.</p>			

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$104	\$0	\$0	\$0	\$0	\$104	\$1,019	\$0	\$1,123
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,579	0	0	0	0	1,579	9,835	0	11,414
Equipment	0	0	0	0	0	0	0	0	0
Administration	50	0	0	0	0	50	297	0	347
Inspection	0	0	0	0	0	0	912	0	912
Miscellaneous	0	0	0	0	0	0	772	0	772
Contingency	67	0	0	0	0	67	1,037	0	1,104
Total Outlay	\$1,800	\$0	\$0	\$0	\$0	\$1,800	\$13,872	\$0	\$15,672

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$1,800	\$0	\$0	\$0	\$0	\$1,800	\$2,121	\$0	\$3,921
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$1,800	\$0	\$0	\$0	\$0	\$1,800	\$2,121	\$0	\$3,921
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other: St. Charles Co.	0	0	0	0	0	0	11,751	0	11,751
Total Funding	\$1,800	\$0	\$0	\$0	\$0	\$1,800	\$13,872	\$0	\$15,672

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	121.2	227.2	227.2	227.2	227.2	121.2	227.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$121.2	\$227.2	\$227.2	\$227.2	\$227.2	\$121.2	\$227.2
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	Additional funds are being requested \$0 to account for the design, \$1,800 construction, and administration of new the unanticipated sewer projects.
Increase/(Decrease)	\$1,800	\$0	\$0	\$0	
% change	new	n/a	n/a	n/a	

LOCATION:

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Belt Filter Press Replacement	Sewer Connection 45%	Project #:
Belt Filter Presses #1 through #3 of the sludge process at MWWTP are aged and in need of rehabilitation. Work includes mechanical, electrical, and structural repairs/replacements.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$215	\$125	\$125	\$0	\$0	\$465	\$0	\$125	\$590
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	725	725	0	0	1,450	0	725	2,175
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	0	0	45	0	15	60
Inspection	0	73	73	0	0	146	0	73	219
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	73	73	0	0	145	0	73	218
Total Outlay	\$230	\$1,011	\$1,011	\$0	\$0	\$2,251	\$0	\$1,011	\$3,262

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$195	\$859	\$859	\$0	\$0	\$1,912	\$0	\$859	\$2,771
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$195	\$859	\$859	\$0	\$0	\$1,912	\$0	\$859	\$2,771
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	35	152	152	0	0	339	0	152	491
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$230	\$1,011	\$1,011	\$0	\$0	\$2,251	\$0	\$1,011	\$3,262

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	11.5	65.1	121.9	121.9	0.0	182.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$11.5	\$65.1	\$121.9	\$121.9	\$0.0	\$182.0
Increase to Sewer User Fee:	0.0¢	0.3¢	1.7¢	3.1¢	3.1¢	0.0¢	4.5¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$230	\$1,011	\$1,011	\$0	\$2,251
% change	new	new	new	n/a	new

LOCATION:

Mattawoman WWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Effluent PS Forcemain Improvements	Sewer Connection 45%	Project #:
The existing isolation valve and flowmeter on the 48-inch diameter section of the effluent forcemain needs replacement. Project includes replacement of valve and flowmeter in addition to the construction of valving and piping to provide pump-around capabilities at the pump station.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$250	\$0	\$0	\$0	\$0	\$250	\$0	\$0	\$250
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	1,475	0	0	0	0	1,475	0	0	1,475
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	0	0	0	0	15	0	0	15
Inspection	150	0	0	0	0	150	0	0	150
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	150	0	0	0	0	150	0	0	150
Total Outlay	\$2,040	\$0	\$0	\$0	\$0	\$2,040	\$0	\$0	\$2,040

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Bonds (30 Year)	\$1,734	\$0	\$0	\$0	\$0	\$1,734	\$0	\$0	\$1,734
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$1,734	\$0	\$0	\$0	\$0	\$1,734	\$0	\$0	\$1,734
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	306	0	0	0	0	306	0	0	306
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$2,040	\$0	\$0	\$0	\$0	\$2,040	\$0	\$0	\$2,040

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	102.1	102.1	102.1	102.1	0.0	102.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$102.1	\$102.1	\$102.1	\$102.1	\$0.0	\$102.1
Increase to Sewer User Fee:	0.0¢	2.7¢	2.6¢	2.6¢	2.6¢	0.0¢	2.5¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$2,040	\$0	\$0	\$0	\$2,040
% change	new	n/a	n/a	n/a	new

LOCATION:

Mattawoman WWTP

PROPOSED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2015

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
Grit System Reconfiguration at MWWTP	Sewer Connection 45%	Project #:
To meet current peak capacity at MWWTP and to improve system hydraulics, the existing grit removal system needs to be upgraded with an additional 20 MGD unit. Recent evaluation and design of the grit system improvements has identified an increase in the construction cost.		

EXPENSE BUDGET	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	5-Year Total '15-'19	Approp. thru FY14	Beyond FY 2019	Project Total
Architectural & Engineering	\$75	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$75
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	725	0	0	0	0	725	0	0	725
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	0	0	0	0	15	0	0	15
Inspection	75	0	0	0	0	75	0	0	75
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	75	0	0	0	0	75	0	0	75
Total Outlay	\$965	\$0	\$0	\$0	\$0	\$965	\$0	\$0	\$965

FINANCING SOURCES	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Bonds (30 Year)	\$820	\$0	\$0	\$0	\$0	\$820	\$0	\$0	\$0	\$820
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0	0
Total County Funding	\$820	\$0	\$0	\$0	\$0	\$820	\$0	\$0	\$0	\$820
Federal	0	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	145	0	0	0	0	145	0	0	0	145
Other:	0	0	0	0	0	0	0	0	0	0
Total Funding	\$965	\$0	\$0	\$0	\$0	\$965	\$0	\$0	\$0	\$965

Operating Budget Impact	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Approp. thru FY14	Beyond FY 2019
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	48.3	48.3	48.3	48.3	0.0	48.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$48.3	\$48.3	\$48.3	\$48.3	\$0.0	\$48.3
Increase to Sewer User Fee:	0.0¢	1.3¢	1.2¢	1.2¢	1.2¢	0.0¢	1.2¢

VARIANCE TO APPROVED PER FY14-FY18 CAPITAL IMPROVEMENT PROGRAM:

	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Approved FY14-FY18 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$965	\$0	\$0	\$0	\$965
% change	new	n/a	n/a	n/a	new

LOCATION:

Mattawoman WWTP